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GOVERNOR



HAROLD LEGGETT, Ph.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.:

Agency Interest No.: 312
Activity No.: PER20090005

Mr. Charles Cost
Plant Manager
Calumet Lubricants Company, L.P.
P.O. Box 97
Cotton Valley, LA 71018

RE: Operating permit renewal/modification, Calumet Cotton Valley, Calumet Lubricants, Company L.P.,
Cotton Valley, Webster Parish, Louisiana

Dear Mr. Cost:

This is to inform you that the permit renewal/modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 3080-00010-V5

Public Notice

**AIR PERMIT BRIEFING SHEET
PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Calumet Cotton Valley
Agency Interest No.: 312
Calumet Lubricants Company, L.P.
Cotton Valley, Webster Parish, Louisiana**

I. BACKGROUND

Calumet Cotton Valley Facility has been in operation prior to 1969. The facility currently operates under Permit No. 3080-00010-V4 dated June 16, 2009. The site is located at 1756 Old Highway 7 in Cotton Valley, Louisiana.

II. ORIGIN

A permit application and Emission Inventory Questionnaire (EIQ) dated July 16, 2009, were received requesting a Part 70 Operating Permit Renewal/Modification.

III. DESCRIPTION

Calumet Cotton Valley Facility is a small refinery which uses atmospheric distillation and hydrotreating to refine "sweet" local crude oil into various petroleum products, including but not limited to aliphatic and hydrotreated low aromatic solvents, light straight run, and diesel. The facility is primarily dedicated to manufacturing aliphatic solvents. The product range of the aliphatic solvents includes hydrotreating low aromatic solvents as well as conventionally refined products. These specialty solvents find applications in a wide variety of markets including paints and coating, inks, extraction, and mining.

The proposed modifications of the facility are as follows:

1. Remove Tank 33 (EQT043) from the L/H VOL IFR CAP. This tank will be used for the storage of wastewater; therefore it is being permitted separately;
2. Change fugitive emissions (Emission Point FE/FUG002) to address a shift of components associated with the Utility Fractionator (1000 Unit) from light liquid service to heavy liquid service as represented in an insignificant activity that was approved in a Case-by Case of April 2009;
3. Increase the heat rate of the Utility Fractionator Process Heater (Emission Point 602/1000/EQT082) from 6.18 MM BTU/hr to 9 MM BTU/hr. This increase is needed for the change from light liquid service to heavy liquid service in the 1000 Unit;
4. Delete 40 CFR 60 Subpart J requirements for the Utility Fractionator Process Heater (Emission Point 602/1000/EQT082) since the unit will convert from refinery fuel gas to natural gas;
5. Increase the throughput through tank cap VFR/HFR CAP from 272,400 bbl/yr to 354,120 bbl/yr to allow for greater operational flexibility;

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6. Increase the operating hours of the firewater pumps (Emission Point FP/EQT072) from 50 to 300 hours per year; and
7. Add emission points Dual Phase Extraction System (DPE/EQT107) and Dual Phase Extraction System - Oil/Water Separator (DPE OWS/EQT108) for the remediation system. These systems will be used to remove phase-separated hydrocarbons that are beneath the facility. A detailed description of the remediation system is included in the Aggressive Remediation Plan Design which was approved on June 8, 2009.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	25.76	25.98	+ 0.22
SO ₂	31.94	31.43	- 0.51
NO _x	124.59	127.58	+ 2.99
CO	137.84	139.07	+ 1.23
VOC *	415.76	428.53	+ 12.77

*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Benzene	5.89	6.17	+ 0.28
Cumene	<0.01	<0.01	-
Ethylbenzene	1.21	1.23	+ 0.02
Lead Compounds	<0.01	<0.01	-
Methyl Isobutyl Ketone	<0.01	<0.01	-
Naphthalene	<0.01	<0.01	-
Toluene	5.30	5.44	+ 0.14
Xylene (mixed Isomers)	6.60	6.85	+ 0.25
n-Hexane	5.65	4.72	- 0.93
Total	24.65	24.36	- 0.29

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IV. TYPE OF REVIEW

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, NSPS, and NESHAP. Prevention of Significant Deterioration does not apply.

The refinery is a minor source of toxic air pollutants.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in The Advocate, Baton Rouge, on <date>, 2009, and in Springhill Press, Cotton Valley, on <date>, 2009, and submitted to the Parish Library, Dr. John Pugh Branch, on <date>, 2009. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>, 2009. The draft permit was also submitted to US EPA Region VI on <date>, 2009. All comments will be considered prior to the final permit decision.

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VII. General Condition XVII Activities:

Activity	Frequency	VOC Emissions TPY
Sample Collection	150/day	2.11
Tank Gauging/Sampling	45 tanks/month	1.30
Equipment Startup/Shutdown	200 times/yr	1.46
Pump Maintenance	400 times/yr	0.29
Changing Filters	200 times/yr	2.92
Pump Evacuation/Priming	16,425 times/yr	4.80
Misc. Equipment Maintenance & Preparation	150 times/yr	0.44

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IX. Insignificant Activities:

<u>ID No.:</u>	<u>Description</u>	<u>Capacity</u>	<u>Citation</u>
Totes	Portable Totes (number varies)	<250 gals	LAC 33:III.501.B.5.A.2
Tank	Process Treatment Chemical	1,000 gals	LAC 33:III.501.B.5.A.3
Tank	Process Treatment Chemical	1,000 gals	LAC 33:III.501.B.5.A.3
Tank	Process Treatment Chemical	1,000 gals	LAC 33:III.501.B.5.A.3
Tank	Process Treatment Chemical	1,000 gals	LAC 33:III.501.B.5.A.3
Tank	Process Treatment Chemical	1,350 gals	LAC 33:III.501.B.5.A.3
Tank	Process Treatment Chemical	1,350 gals	LAC 33:III.501.B.5.A.3
Tank	Diesel Storage Tank	1,000 gals	LAC 33:III.501.B.5.A.3
Tank	Diesel Storage Tank	1,000 gals	LAC 33:III.501.B.5.A.3
Tank	Diesel Storage Tank	9,000 gals	LAC 33:III.501.B.5.A.3
Tank	Diesel Storage Tank	500 gals	LAC 33:III.501.B.5.A.3
-	Laboratory Equipment	NA	LAC 33:III.501.B.5.A.6
-	Truck Loading Dock Sump	NA	LAC 33:III.501.B.5.D
-	North Separator	11,340 gals	LAC 33:III.501.B.5.D

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X. Applicable Louisiana and Federal Air Quality Requirements		LAC 33:III Chapter																	
		5 ^A	9	11	13	15	2103	2107	2109	2111	2113	2115	2121	2147	29*	51*	56	59*	
ID No.	Description																		
UNF001	Entire Facility	1	1	1	1														
EQT019	HFR Storage Tank											1	3		1				
EQT020	10 - 500 BBL HFR Storage Tank						3												
EQT021	11 - 500 BBL HFR Storage Tank						3												
EQT022	14 - 2,000 BBL VFR Storage Tank						3												
EQT023	15 - 2,000 BBL VFR Storage Tank						3												
EQT024	16 - 2,000 BBL VFR Storage Tank						3												
EQT025	17 - 2,000 BBL VFR Storage Tank						3												
EQT026	18 - 2,000 BBL VFR Storage Tank						3												
EQT027	19 - 2,000 BBL VFR Storage Tank						3												
EQT028	2 - 500 BBL HFR Storage Tank						3												
EQT029	20 - 2,000 BBL VFR Storage Tank						3												
EQT030	21 - 2,000 BBL VFR Storage Tank						3												
EQT031	22 - 5,000 BBL VFR Storage Tank						3												
EQT032	23 - 5,000 BBL VFR Storage Tank						3												
EQT033	24 - 5,000 BBL VFR Storage Tank						3												
EQT034	25 - 5,000 BBL VFR Storage Tank						3												
EQT035	26 - 5,000 BBL VFR Storage Tank						3												
EQT036	27 - 5,000 BBL VFR Storage Tank						3												
EQT037	28 - 6,000 BBL VFR Storage Tank						3												
EQT038	29 - 50,000 BBL IFR Storage Tank						1												
EQT039	3 - 500 BBL HFR Storage Tank						3												

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III Chapter																
		5 ^A	9	11	13	15	2103	2107	2109	2111	2113	2115	2121	2147	29*	51*	56	59*
EQT040	30 - 6,500 BBL VFR Storage Tank						3											
EQT041	31 - 6,500 BBL VFR Storage Tank						3											
EQT042	32 - 20,000 BBL VFR Storage Tank						3											
EQT043	33 - 20,000 BBL IFR Storage Tank						1											
EQT044	34 - 10,000 BBL VFR Storage Tank						3											
EQT045	35 - 10,000 BBL VFR Storage Tank						3											
EQT046	4 - 500 BBL HFR Storage Tank						3											
EQT047	47 - 80,000 BBL IFR Storage Tank						1											
EQT048	5 - 500 BBL HFR Storage Tank						3											
EQT049	54 - 10,000 BBL IFR Storage Tank						1											
EQT050	55 - 10,000 BBL IFR Storage Tank						1											
EQT051	56 - 10,000 BBL IFR Storage Tank						1											
EQT052	57 - 80,000 BBL VFR Storage Tank						3											
EQT053	58 - 500 BBL HFR Storage Tank						3											
EQT054	6 - 500 BBL HFR Storage Tank						3											
EQT055	60 - 5,000 BBL IFR Storage Tank						1											
EQT056	66 - 10,000 BBL VFR Storage Tank						3											
EQT057	67 - 10,000 BBL VFR Storage Tank						3											
EQT058	69 - 700 BBL HFR Storage Tank						3											
EQT059	7 - 500 BBL HFR Storage Tank						3											
EQT060	71 - 900 BBL HFR Storage Tank						3											
EQT061	72 - 5,500 BBL VFR Storage Tank						3											

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X. Applicable Louisiana and Federal Air Quality Requirements		LAC 33:III Chapter																
		5 ^A	9	11	13	15	2103	2107	2109	2111	2113	2115	2121	2147	29*	51*	56	59*
ID No.	Description																	
EQT062	73 - 5,000 BBL VFR Storage Tank						3											
EQT063	76 - 10,000 BBL VFR Storage Tank						3											
EQT064	79 - 5,500 BBL VFR Storage Tank						3											
EQT065	8 - 500 BBL HFR Storage Tank						3											
EQT066	9 - 500 BBL HFR Storage Tank						3											
EQT067	B-1401 - No. 1 Boiler		1	1	1						3							
EQT068	B-1402 - No. 2 Boiler		1	1	1						3							
EQT069	BD - Blue Drum																	
EQT070	CT - Cooling Tower																	
EQT071	FL2 - Flare		1	1	1													
EQT072	FP - Emergency Firewater Pumps																	
EQT073	GEN - Backup Generator		1	1	1													
EQT074	H-101 - 100 Crude Unit Process Heater		1	1	1						3							
EQT075	H-201A - 1100 Crude Unit Process Heater		1	1	1						3							
EQT076	H-202 - Hot Oil Process Heater No. 1		1	1	1						3							
EQT077	H-203 - Hot Oil Process Heater No. 2		1	1	1						3							
EQT078	H-204 - Solvents Unit Heater		1	1	1						3							
EQT079	H-205 - Hydrotreater Heater		1	1	1						3							
EQT080	H-301 - No. 1 Hydrotreater Heater		1	1	1						3							
EQT081	H-601 - Solvent Train Process Heater		1	1	1						3							
EQT082	H-602/1000 - Utility Fractionator Process Heater		1	1	1						3							

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III Chapter															
		5 ^A	9	11	13	15	2103	2107	2109	2111	2113	2115	2147	29*	51*	56	59*
EQT083	H-701 - 700 Unit Process Heater			1	1	1						3					
EQT084	H-901 - Hydrogen Plant Reformer			1	1	1						3					
EQT085	LO - Loading Operations	1					1										
EQT086	SH - Air Dryer (OOS)			1	1	1						3					
EQT087	WW - Wastewater Emissions							2									
FUG002	FE - Fugitive Emissions								1				1				
FUG003	UR - Unpaved Road Emissions																
EQT088	1A - Pressurized Storage Tank						1										
EQT089	37 - Pressurized Storage Tank						1										
EQT090	38 - Pressurized Storage Tank						1										
EQT091	39 - Pressurized Storage Tank						1										
EQT092	40 - Pressurized Storage Tank						1										
EQT093	41 - Pressurized Storage Tank						1										
EQT094	44 - Pressurized Storage Tank						1										
EQT095	46 - Pressurized Storage Tank						1										
EQT096	70 - Pressurized Storage Tank						1										
EQT097	12 - Pressurized Storage Tank						1										
EQT098	42 - Pressurized Storage Tank						1										
EQT099	43 - Pressurized Storage Tank						1										
EQT100	45 - Pressurized Storage Tank						1										
EQT101	59 - Pressurized Storage Tank						1										
EQT102	62 - Pressurized Storage Tank						1										

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III Chapter																
		5 ^A	9	11	13	15	2103	2107	2109	2111	2113	2115	2121	2147	29*	51*	56	59*
EQT103	63 -Pressurized Storage Tank						1											
EQT104	64 -Pressurized Storage Tank						1											
EQT105	65 -Pressurized Storage Tank						1											
EQT106	68 -Pressurized Storage Tank						1											
EQT107	DPE - Dual Phase Extraction System																	
EQT108	DPE OWS - Dual Phase Extraction System - Oil/Water Separator								2									

* The regulations indicated above are State Only regulations.

^A All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

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**Calumet Cotton Valley
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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	NSPS 40 CFR 60										NESHAP 40 CFR 61			NESHAP 40 CFR 63			40 CFR 64	40 CFR 82			
		A	D	Da	Db	Dc	K	Ka	Kb	J	GGG	QQQ	A	M	FF	A	CC			Q	GGG	GG
		1								1			1	1	1	2	3					
UNF001	Entire Facility																					
EQT019	HFR Storage Tank																					
EQT020	10 - 500 BBL HFR Storage Tank					3	3	3														
EQT021	11 - 500 BBL HFR Storage Tank					3	3	3														
EQT022	14 - 2,000 BBL VFR Storage Tank					3	3	3														
EQT023	15 - 2,000 BBL VFR Storage Tank					3	3	3														
EQT024	16 - 2,000 BBL VFR Storage Tank					3	3	3														
EQT025	17 - 2,000 BBL VFR Storage Tank					3	3	3														
EQT026	18 - 2,000 BBL VFR Storage Tank					3	3	3														
EQT027	19 - 2,000 BBL VFR Storage Tank					3	3	3														
EQT028	2 - 500 BBL HFR Storage Tank					3	3	3														
EQT029	20 - 2,000 BBL VFR Storage Tank					3	3	3														
EQT030	21 - 2,000 BBL VFR Storage Tank					3	3	3														
EQT031	22 - 5,000 BBL VFR Storage Tank					3	3	3														
EQT032	23 - 5,000 BBL VFR Storage Tank					3	3	3														
EQT033	24 - 5,000 BBL VFR Storage Tank					3	3	3														
EQT034	25 - 5,000 BBL VFR Storage Tank					3	3	3														
EQT035	26 - 5,000 BBL VFR Storage Tank					3	3	3														
EQT036	27 - 5,000 BBL VFR Storage Tank					3	3	3														
EQT037	28 - 6,000 BBL VFR Storage Tank					3	3	1														

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	NSPS 40 CFR 60										NESHAP 40 CFR 61				NESHAP 40 CFR 63				40 CFR 82	
		A	D	Da	Db	Dc	K	Ka	Kb	J	GGG	QQ	A	M	FF	A	CC	Q	GGG		GG
EQT058	69 - 700 BBL HFR Storage Tank						3	3	3												
EQT059	7 - 500 BBL HFR Storage Tank						3	3	3												
EQT060	71 - 900 BBL HFR Storage Tank						3	3	3												
EQT061	72 - 5,500 BBL VFR Storage Tank						3		1												
EQT062	73 - 5,000 BBL VFR Storage Tank						3		1												
EQT063	76 - 10,000 BBL VFR Storage Tank						3		1												
EQT064	79 - 5,500 BBL VFR Storage Tank						3		1												
EQT065	8 - 500 BBL HFR Storage Tank						3	3	3												
EQT066	9 - 500 BBL HFR Storage Tank						3	3	3												
EQT067	B-1401 - No. 1 Boiler	3	3	3	3	3				1											
EQT068	B-1402 - No. 2 Boiler	3	3	3	3	3				1											
EQT069	BD - Blue Drum										3										
EQT070	CT - Cooling Tower																				
EQT071	FL2 - Flare																				
EQT072	FP - Emergency Firewater Pumps																				
EQT073	GEN - Backup Generator																				
EQT074	H-101 - 100 Crude Unit Process Heater	3	3	3	3	3					3										
EQT075	H-201A - 1100 Crude Unit Process Heater																				
EQT076	H-202 - Hot Oil Process Heater No. 1	3	3	3	3	3															
EQT077	H-203 - Hot Oil Process Heater No. 2																				

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X. Applicable Louisiana and Federal Air Quality Requirements		NSPS 40 CFR 60										NESHAP 40 CFR 61			NESHAP 40 CFR 63			40 CFR 64		40 CFR 82			
		A	D	Da	Db	Dc	K	Ka	Kb	J	GGG	QQQ	A	M	FF	A	CC	Q	GGG	GG			
EQT078	H-204 - Solvents Unit Heater	3	3	3	3	3			3														
EQT079	H-205 - Hydrotreater Heater	3	3	3	3	3			1														
EQT080	H-301 - No. 1 Hydrotreater Heater	3	3	3	3	3			1														
EQT081	H-601 - Solvent Train Process Heater								3														
EQT082	H-602/1000 - Utility Fractionator Process Heater	3	3	3	3	3			1														
EQT083	H-701 - 700 Unit Process Heater	3	3	3	3	3			1														
EQT084	H-901 - Hydrogen Plant Reformer	3	3	3	3	3			2														
EQT085	LO - Loading Operations																	2	2				1
EQT086	SH - Air Dryer (OOS)	3	3	3	3	3			3														
EQT087	WW - Wastewater Emissions										3												
FUG002	FE - Fugitive Emissions										1												
FUG003	UR - Unpaved Road Emissions																						
EQT088	1A - Pressurized Storage Tank																						
EQT089	37 - Pressurized Storage Tank																						
EQT090	38 - Pressurized Storage Tank																						
EQT091	39 - Pressurized Storage Tank																						
EQT092	40 - Pressurized Storage Tank																						
EQT093	41 - Pressurized Storage Tank																						
EQT094	44 - Pressurized Storage Tank																						

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KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.
- 2 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 3 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

Blank - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

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 Cotton Valley, Webster Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Entire Facility UNF003	Control of Emissions of Carbon Monoxide - Petroleum Refinery Emissions [LAC 33:III.1705]	DOES NOT APPLY. Does not have catalyst regeneration.
	Waste Gas Disposal [LAC 33:III.2115]	EXEMPT. VOC in the waste gas less than 30,000 ppm.
	NESHAP, Subpart CC - NESHAPs for Refineries [40 CFR 63.640]	DOES NOT APPLY. Not a major source of HAPs.
EQ T028, EQ T039, EQ T046, EQ T048, EQ T054, EQ T059, EQ T065, EQ T066, EQ T020, EQ T021, EQ T053, EQ T058, EQ T060 (FR Storage Tanks)	Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Vapor Pressure <1.5 psia.
EQ T022, EQ T023, EQ T024, EQ T025, EQ T026, EQ T027, EQ T029, EQ T030, EQ T031, EQ T032, EQ T033, EQ T034, EQ T035, EQ T036, EQ T041, EQ T044, EQ T045, EQ T052 (FR Storage Tanks)	NSPS Subpart K, Ka, Kb for Storage Tanks [40 CFR 60.110, 110a, 110b]	DOES NOT APPLY. All tanks except 58, 69, 70, 71 were constructed prior to 1973; Tanks 58, 69, 70, and 71 - vapor pressure <15kPa.
	Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Vapor Pressure <1.5 psia.
	NSPS Subpart K, Ka, Kb for Storage Tanks [40 CFR 60.110, 110a, 110b]	DOES NOT APPLY. Constructed prior to 1973.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Calumet Cotton Valley
 Agency Interest No.: 312
 Calumet Lubricants Company, L.P.
 Cotton Valley, Webster Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT037, EQT040, EQT042, EQT056, EQT057, EQT061, EQT062, EQT063, EQT064 (FR Storage Tanks)	Storage of Volatile Organic Compounds [LAC 33:III.2103] NSPS Subpart K for Storage Tanks [40 CFR 60.110, 110a, 110b]	DOES NOT APPLY. Vapor Pressure <1.5 psia. DOES NOT APPLY. Constructed prior to 1973.
EQT067, EQT068 (Boilers)	NSPS Subpart D for Boilers [40 CFR 60.40] NSPS Subpart Da for Boilers [40 CFR 60.40a] NSPS Subpart Db for Boilers [40 CFR 60.40b] NSPS Subpart Dc for Boilers [40 CFR 60.40c]	DOES NOT APPLY. Maximum heat input rate <250 MM BTU/hr. DOES NOT APPLY. Not Electric Utility Steam Generating Units. DOES NOT APPLY. Maximum heat input rate <100 MM BTU/hr. DOES NOT APPLY. Constructed prior to 1989.
EQT074, EQT075, EQT076, EQT077, EQT078, EQT081EQ, T086 (Heaters, Air Dryer)	Waste Gas Disposal [LAC 33:III.2115] NSPS Subpart D, Da, Db, Dc for Boilers [40 CFR 60.40, 40a, 40b, 40c] NSPS Subpart J Standards of Performance for Petroleum Refineries [40 CFR 60.100] Waste Gas Disposal [LAC 33:III.2115]	DOES NOT APPLY. Do not burn a waste gas stream containing VOCs. DOES NOT APPLY. Constructed prior to applicable dates, and/or <100 MM BTU/hr, and are not steam generating units DOES NOT APPLY. Constructed prior to 1973 or do not burn fuel gas. DOES NOT APPLY. Do not burn a waste gas stream containing VOCs.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**Calumet Cotton Valley
 Agency Interest No.: 312
 Calumet Lubricants Company, L.P.
 Cotton Valley, Webster Parish, Louisiana**

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT079, EQT080, EQT082, EQT083 (Heaters)	NSPS Subpart D, Da, Db, Dc for Boilers [40 CFR 60.40, 40a, 40b, 40c]	DOES NOT APPLY. These are no steam generating units.
EQT084 (Hydrogen Reformer)	Waste Gas Disposal [LAC 33:III.2115] NSPS Subpart D, Da, Db, Dc for Boilers [40 CFR 60.40, 40a, 40b, 40c] Waste Gas Disposal [LAC 33:III.2115]	DOES NOT APPLY. Do not burn a waste gas stream containing VOCs. DOES NOT APPLY. These are not steam generating units.
EQT070 (Cooling Tower)	Standards of Performance for Petroleum Refineries [40 CFR 60.105(a)(4)(iv)(C)] NESHAP, Subpart Q - Chromium emissions from Industrial Process Cooling Towers [40 CFR 63.402]	DOES NOT APPLY. Does not burn a waste gas stream containing VOCs. EXEMPT. Fuel gas stream is inherently low in sulfur content.
EQT069 (Blue Drum)	NSPS, Subpart - QQQ VOC Standards for Petroleum Refinery Wastewater Systems [40 CFR 60.690] NESHAP, Subpart FF - Benzene Waste Operations [40 CFR 61.340]	DOES NOT APPLY. Facility is not a major source of HAPs and chromium-based treatment chemicals are not used. DOES NOT APPLY. Facility was not constructed, reconstructed, or modified after May 4, 1987. Shall comply with the requirements of 40 CFR 61.343.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Calumet Cotton Valley
 Agency Interest No.: 312
 Calumet Lubricants Company, L.P.
 Cotton Valley, Webster Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQ1087 (Wastewater Emissions)	NSPS, Subpart - QQQ VOC Standards for Petroleum Refinery Wastewater Systems [40 CFR 60.690] Oil/Water - Separation [LAC 33:III.2109]	DOES NOT APPLY. Facility was not constructed, reconstructed, or modified after May 4, 1987. EXEMPT. Emits <100 tons per year regulated hydrocarbons.
EQ1071 (Flare)	Compliance Assurance Monitoring [40 CFR 64] Waste Gas Disposal [LAC 33:III.2115]	EXEMPT. Subject to NSPS Subpart A. DOES NOT APPLY. This regulation is not applicable to waste gas streams which must comply with a control device requirement as stated in LAC 33:III.2115.
EQ107 DPE - Dual Phase Extraction System	National Emissions Standards for Hazardous Air Pollutants: Site Remediation - Subpart GGGG [40 CFR 63]	Facility is not a major source of HAP's.
EQ108 DPE OWS - Dual Phase Extraction System - Oil/Water Separator	Standards for Petroleum Refinery Wastewater Systems - Subpart QQQ [40 CFR 60.690] Oil/Water - Separation [LAC 33:III.2109]	This equipment does not come in contact with or store oily wastewater. EXEMPT. Emits <100 tons per year regulated hydrogen carbons.

General Information

AI ID: 312 Calumet Lubricants Co - Cotton Valley Refinery
Activity Number: PER20090005
Permit Number: 3080-00010-V5
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	3080-00010	CDS Number	CDS Number	08-05-2002
	73-0974954	Kerr McGee Refining Corp	Federal Tax ID	11-21-1999
	LAD000225805	Calumet Cotton Valley	Hazardous Waste Notification	04-11-2000
	LAD000225805	Site ID #	Inactive & Abandoned Sites	06-09-1981
	LA0005312	WPC File Number	LPDES Permit #	05-22-2003
	WP0400	WPC State Permit Number	LWDPS Permit #	06-25-2003
	01-235	Motor Fuel Delivery Certificate #	Motor Fuel Delivery Certificate	08-09-2002
	7295	Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
	GD-119-1791	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
	36528	Solid Waste Facility No.	Solid Waste Facility No.	08-21-2001
	47229	Kerr McGee Refining Corp	TEMPO Merge	06-09-2002
	71018KRRMCLA7SO	Kerr McGee Corp Cotton Valley Ref	TEMPO Merge	10-02-2001
		TRI #	Toxic Release Inventory	07-09-2004

Main Phone: 3188324236

Physical Location:
 1756 Old Hwy 7
 Cotton Valley, LA 71018

Mailing Address:
 PO Box 97
 Cotton Valley, LA 710180097

Location of Front Gate: 32.797267 latitude, -93.414689 longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Larry Allen		3188324236 (WP)	Employed by
	Charles Cost	PO Box 97 Cotton Valley, LA 710180097	3188324236 (WP)	Responsible Official for
	Charles Cost	PO Box 97 Cotton Valley, LA 710180097	charles.cost@calum	Responsible Official for
	Fred Holt		3188324236 (WP)	Employed by
	Fritz Howes	PO Box 3099 Shreveport, LA 711333099	3186324103 (WP)	Accident Prevention Billing Party for
	Jeff Lang			Accident Prevention Contact for
	R. Murray	2780 Waterfront Pkwy E, Site 200 Indianapolis, IN 46214		Water Billing Party for
	Lynn Shearer	PO Box 97 Cotton Valley, LA 71018	3188324236 (WP)	Radiation Contact For
	Mendith Sheets		3188324236 (WP)	Employed by
	Kep Southerland	PO Box 97 Cotton Valley, LA 710180097	3188324236 (WP)	Emission Inventory Contact for
	Kep Southerland	PO Box 97 Cotton Valley, LA 710180097	kep.southerland@ca	Emission Inventory Contact for

Related Organizations:	Name	Address	Phone (Type)	Relationship

General Information

AI ID: 312 Calumet Lubricants Co - Cotton Valley Refinery
Activity Number: PER20090005
Permit Number: 3080-00010-V5
Air - Title V Regular Permit Renewal

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Calumet Lubricants Co	PO Box 97 Cotton Valley, LA 710180097		Radiation Registration Billing Party for
	Calumet Lubricants Co	PO Box 97 Cotton Valley, LA 710180097		Air Billing Party for
	Calumet Lubricants Co LP	2780 Waterfront Pkwy Ste 200 Indianapolis, IN 46214		Emission Inventory Billing Party
	Calumet Lubricants Co LP	2780 Waterfront Pkwy Ste 200 Indianapolis, IN 46214		Solid Waste Billing Party for
	Calumet Lubricants Co LP	2780 Waterfront Pkwy Ste 200 Indianapolis, IN 46214		Owns
	Kerr-McGee Refining Corp	PO Box 25861 Oklahoma City, OK 73125	4052702071 (VWP)	Agent of Service for
	Kerr-McGee Refining Corp	PO Box 25861 Oklahoma City, OK 73125	4052702071 (VWP)	Owns

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Millam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0019	HFR - HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0020	10 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0021	11 - 500 BBL HFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0022	14 - 2,000 BBL VFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0023	15 - 2,000 BBL VFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0024	16 - 2,000 BBL VFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0025	17 - 2,000 BBL VFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0026	18 - 2,000 BBL VFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0027	19 - 2,000 BBL VFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0028	2 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0029	20 - 2,000 BBL VFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0030	21 - 2,000 BBL VFR Storage Tank	84000 gallons				8760 hr/yr
EQT 0031	22 - 5,000 BBL VFR Storage Tank	210000 gallons				8760 hr/yr
EQT 0032	23 - 5,000 BBL VFR Storage Tank	210000 gallons				8760 hr/yr
EQT 0033	24 - 5,000 BBL VFR Storage Tank	210000 gallons				8760 hr/yr
EQT 0034	25 - 5,000 BBL VFR Storage Tank	210000 gallons				8760 hr/yr
EQT 0035	26 - 5,000 BBL VFR Storage Tank	210000 gallons				8760 hr/yr
EQT 0036	27 - 5,000 BBL VFR Storage Tank	210000 gallons				8760 hr/yr
EQT 0037	28 - 6,000 BBL VFR Storage Tank	252000 gallons				8760 hr/yr
EQT 0038	29 - 50,000 BBL IFR Storage Tank	50000 bbl				8760 hr/yr
EQT 0039	3 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0040	30 - 6,500 BBL VFR Storage Tank	273000 gallons				8760 hr/yr
EQT 0041	31 - 6,500 BBL VFR Storage Tank	273000 gallons				8760 hr/yr
EQT 0042	32 - 20,000 BBL VFR Storage Tank	840000 gallons				8760 hr/yr
EQT 0043	33 - 20,000 BBL IFR Storage Tank	840000 gallons	10.512 MM gallons/yr	10.512 MM gallons/yr		8760 hr/yr
EQT 0044	34 - 10,000 BBL VFR Storage Tank	420000 gallons				8760 hr/yr
EQT 0045	35 - 10,000 BBL VFR Storage Tank	420000 gallons				8760 hr/yr
EQT 0046	4 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0047	47 - 80,000 BBL IFR Storage Tank	80000 bbl				8760 hr/yr
EQT 0048	5 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0049	54 - 10,000 BBL IFR Storage Tank	420000 gallons				8760 hr/yr
EQT 0050	55 - 10,000 BBL IFR Storage Tank	420000 gallons				8760 hr/yr
EQT 0051	56 - 10,000 BBL IFR Storage Tank	420000 gallons				8760 hr/yr
EQT 0052	57 - 80,000 BBL VFR Storage Tank	80000 bbl				8760 hr/yr
EQT 0053	58 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0054	6 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0055	60 - 5,000 BBL IFR Storage Tank	210000 gallons				8760 hr/yr
EQT 0056	66 - 10,000 BBL VFR Storage Tank	420000 gallons				8760 hr/yr
EQT 0057	67 - 10,000 BBL VFR Storage Tank	420000 gallons				8760 hr/yr

INVENTORIES

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery
 Activity Number: PER20090005
 Permit Number: 3080-00010-V5
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0058	69 - 700 BBL HFR Storage Tank	29400 gallons				8760 hr/yr
EQT 0059	7 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0060	71 - 900 BBL HFR Storage Tank	37800 gallons				8760 hr/yr
EQT 0061	72 - 5,500 BBL VFR Storage Tank	252000 gallons				8760 hr/yr
EQT 0062	73 - 5,000 BBL VFR Storage Tank	210000 gallons				8760 hr/yr
EQT 0063	76 - 10,000 BBL VFR Storage Tank	420000 gallons				8760 hr/yr
EQT 0064	79 - 5,500 BBL VFR Storage Tank	223111 gallons				8760 hr/yr
EQT 0065	8 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0066	9 - 500 BBL HFR Storage Tank	21000 gallons				8760 hr/yr
EQT 0067	B-1401 - No. 1 Boiler		33.48 MM BTU/hr	33.48 MM BTU/hr		8760 hr/yr
EQT 0068	B-1402 - No. 2 Boiler		16.74 MM BTU/hr	16.74 MM BTU/hr		8760 hr/yr
EQT 0069	BD - Blue Drum	30 gallons/min		30 gallons/min		8760 hr/yr
EQT 0070	CT - Cooling Tower	1500 gallons/min		1500 gallons/min		8760 hr/yr
EQT 0071	FL2 - Flare	15.9 MM ft ³ /yr		15.9 MM ft ³ /yr		8760 hr/yr
EQT 0072	FP - Emergency Firewater Pumps	535 horsepower		535 horsepower		300 hr/yr
EQT 0073	GEN - Backup Generator	241 horsepower		241 horsepower		500 hr/yr
EQT 0074	H-101 - 100 Crude Unit Process Heater	30.52 MM BTU/hr		30.52 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0075	H-201A - 1100 Crude Unit Process Heater	10.18 MM BTU/hr		10.18 MM BTU/hr	Fuel Gas	8760 hr/yr
EQT 0076	H-202 - Hot Oil Process Heater No. 1	37 MM BTU/hr		37 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0077	H-203 - Hot Oil Process Heater No. 2	26.56 MM BTU/hr		26.56 MM BTU/hr	Fuel Gas	8760 hr/yr
EQT 0078	H-204 - Solvents Unit Heater	18 MM BTU/hr		18 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0079	H-205 - Hydrotreater Heater	35.7 MM BTU/hr		35.7 MM BTU/hr	Natural Gas & Fuel Gas	8760 hr/yr
EQT 0080	H-301 - No. 1 Hydrotreater Heater	13.32 MM BTU/hr		13.32 MM BTU/hr	Fuel Gas	8760 hr/yr
EQT 0081	H-601 - Solvent Train Process Heater	8 MM BTU/hr		8 MM BTU/hr	Fuel Gas	8760 hr/yr
EQT 0082	H-602/1000 - Utility Fractionator Process Heater	9 MM BTU/hr		9 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0083	H-701 - 700 Unit Process Heater	18.49 MM BTU/hr		18.49 MM BTU/hr	Fuel gas	8760 hr/yr
EQT 0084	H-901 - Hydrogen Plant Reformer	33.74 MM BTU/hr		33.74 MM BTU/hr	Natural & Waste Gas	8760 hr/yr
EQT 0085	LO - Loading Operations	6046807 bbl/yr				8760 hr/yr
EQT 0086	SH - Air Dryer (OOS)	8 MM BTU/hr		8 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0087	WW - Wastewater Emissions		110 gallons/min	110 gallons/min		8760 hr/yr
EQT 0088	1A - Pressurized Storage Tank	36750 gallons				8760 hr/yr
EQT 0089	37 - Pressurized Storage Tank	28266 gallons				8760 hr/yr
EQT 0090	38 - Pressurized Storage Tank	28266 gallons				8760 hr/yr
EQT 0091	39 - Pressurized Storage Tank	398874 gallons				8760 hr/yr
EQT 0092	40 - Pressurized Storage Tank	398496 gallons				8760 hr/yr
EQT 0093	41 - Pressurized Storage Tank	398748 gallons				8760 hr/yr
EQT 0094	44 - Pressurized Storage Tank	100842 gallons				8760 hr/yr
EQT 0095	46 - Pressurized Storage Tank	116634 gallons				8760 hr/yr
EQT 0096	70 - Pressurized Storage Tank	26334 gallons				8760 hr/yr

INVENTORIES

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery
Activity Number: PER20090005
Permit Number: 3080-00010-V5
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0097	12 - Pressurized Storage Tank	21672 gallons				8760 hr/yr
EQT 0098	42 - Pressurized Storage Tank	190512 gallons				8760 hr/yr
EQT 0099	43 - Pressurized Storage Tank	191016 gallons				8760 hr/yr
EQT 0100	45 - Pressurized Storage Tank	116676 gallons				8760 hr/yr
EQT 0101	59 - Pressurized Storage Tank	22008 gallons				8760 hr/yr
EQT 0102	62 - Pressurized Storage Tank	21084 gallons				8760 hr/yr
EQT 0103	63 - Pressurized Storage Tank	21084 gallons				8760 hr/yr
EQT 0104	64 - Pressurized Storage Tank	23436 gallons				8760 hr/yr
EQT 0105	65 - Pressurized Storage Tank	23436 gallons				8760 hr/yr
EQT 0106	68 - Pressurized Storage Tank	23436 gallons				8760 hr/yr
EQT 0107	DPE - Dual Phase Extraction System		1600 ft ³ /min	1600 ft ³ /min		8760 hr/yr
EQT 0108	DPE OWS - Dual Phase Extraction System - Oil/Water Separator		50 gallons/min	50 gallons/min		8760 hr/yr
FUG 0002	FE - Fugitive Emissions					8760 hr/yr
FUG 0003	UR - Unpaved Road Emissions					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT 0019	HFR - HFR Storage Tank					40	
EQT 0020	10 - 500 BBL HFR Storage Tank					40	
EQT 0021	11 - 500 BBL HFR Storage Tank					40	
EQT 0022	14 - 2,000 BBL VFR Storage Tank					24	77
EQT 0023	15 - 2,000 BBL VFR Storage Tank					24	
EQT 0024	16 - 2,000 BBL VFR Storage Tank					24	
EQT 0025	17 - 2,000 BBL VFR Storage Tank					24	
EQT 0026	18 - 2,000 BBL VFR Storage Tank					24	
EQT 0027	19 - 2,000 BBL VFR Storage Tank					24	
EQT 0028	2 - 500 BBL HFR Storage Tank					40	
EQT 0029	20 - 2,000 BBL VFR Storage Tank					24	
EQT 0030	21 - 2,000 BBL VFR Storage Tank					24	
EQT 0031	22 - 5,000 BBL VFR Storage Tank					30	
EQT 0032	23 - 5,000 BBL VFR Storage Tank					30	
EQT 0033	24 - 5,000 BBL VFR Storage Tank					30	

INVENTORIES

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Activity Number: PER20090005
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Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT 0034	25 - 5,000 BBL VFR Storage Tank					30	
EQT 0035	26 - 5,000 BBL VFR Storage Tank					30	
EQT 0036	27 - 5,000 BBL VFR Storage Tank					30	
EQT 0037	28 - 6,000 BBL VFR Storage Tank					25	
EQT 0038	29 - 50,000 BBL IFR Storage Tank					40	
EQT 0039	3 - 500 BBL HFR Storage Tank					40	
EQT 0040	30 - 6,500 BBL VFR Storage Tank					25	
EQT 0041	31 - 6,500 BBL VFR Storage Tank					25	
EQT 0042	32 - 20,000 BBL VFR Storage Tank					36	
EQT 0043	33 - 20,000 BBL IFR Storage Tank			.35		36.5	70
EQT 0044	34 - 10,000 BBL VFR Storage Tank					30	
EQT 0045	35 - 10,000 BBL VFR Storage Tank					30	
EQT 0046	4 - 500 BBL HFR Storage Tank					40	
EQT 0047	47 - 80,000 BBL IFR Storage Tank					40	
EQT 0048	5 - 500 BBL HFR Storage Tank					40	
EQT 0049	54 - 10,000 BBL IFR Storage Tank					42	
EQT 0050	55 - 10,000 BBL IFR Storage Tank					42	
EQT 0051	56 - 10,000 BBL IFR Storage Tank					42	
EQT 0052	57 - 80,000 BBL VFR Storage Tank					40	
EQT 0053	58 - 500 BBL HFR Storage Tank					40	
EQT 0054	6 - 500 BBL HFR Storage Tank					40	
EQT 0055	60 - 5,000 BBL IFR Storage Tank					30	
EQT 0056	66 - 10,000 BBL VFR Storage Tank					18	
EQT 0057	67 - 10,000 BBL VFR Storage Tank					18	
EQT 0058	69 - 700 BBL HFR Storage Tank					18	
EQT 0059	7 - 500 BBL HFR Storage Tank					40	
EQT 0060	71 - 900 BBL HFR Storage Tank					18	
EQT 0061	72 - 5,500 BBL VFR Storage Tank					32	
EQT 0062	73 - 5,000 BBL VFR Storage Tank					32	
EQT 0063	76 - 10,000 BBL VFR Storage Tank					18	
EQT 0064	79 - 5,500 BBL VFR Storage Tank					18	
EQT 0065	8 - 500 BBL HFR Storage Tank					40	

INVENTORIES

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery
Activity Number: PER20090005
Permit Number: 3080-00010-V5
Air - Title V Regular Permit Renewal

Stack Information:							
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (of)
Entire Facility							
EQT 0066	9 - 500 BBL HFR Storage Tank					40	
EQT 0067	B-1401 - No. 1 Boiler	51.7	12879	2.3		19.6	400
EQT 0068	B-1402 - No. 2 Boiler	68.3	12879	2		19.6	400
EQT 0069	BD - Blue Drum			.17		13	120
EQT 0071	FL2 - Flare	197	208.3	1.5		60	1100
EQT 0072	FP - Emergency Firewater Pumps	339.1	11100	.33		10	840
EQT 0073	GEN - Backup Generator	190	2243	.5		15	854
EQT 0074	H-101 - 100 Crude Unit Process Heater	15.07	14377	4.5		40	500
EQT 0075	H-201A - 1100 Crude Unit Process Heater	61.53	18123	2.5		25	750
EQT 0076	H-202 - Hot Oil Process Heater No. 1	17.02	12754	3.96		88	380
EQT 0077	H-203 - Hot Oil Process Heater No. 2	48.8	14377	2.5		40	500
EQT 0078	H-204 - Solvents Unit Heater	21.82	15126	3.4		57.2	500
EQT 0079	H-205 - Hydrotreater Heater	12.86	954	4.5		106.5	500
EQT 0080	H-301 - No. 1 Hydrotreater Heater	46.26	19621	3		29.5	850
EQT 0081	H-601 - Solvent Train Process Heater	25.03	18872	4		60	800
EQT 0082	H-602/1000 - Utility Fractionator Process Heater	19.34	14578	4		60	800
EQT 0083	H-701 - 700 Unit Process Heater	42.54	12130	2.46		37	350
EQT 0084	H-901 - Hydrogen Plant Reformer	24.73	7270	2.5		65	300
EQT 0085	LO - Loading Operations						
EQT 0086	SH - Air Dryer (OOS)	21.06	15875	4		60	600
EQT 0087	WW - Wastewater Emissions						
EQT 0107	DPE - Dual Phase Extraction System			1		20	70
FUG 0002	FE - Fugitive Emissions						
FUG 0003	UR - Unpaved Road Emissions						
GRP 0010	Crude-Cap - Crude Cap (Capped Tank 47) 80,000 BBL IFR STORAGE TANK					40	
GRP 0011	HEAVY CAP-1 - Heavy VOL Cap-1 (Capped Tank 57) 80,000 BBL VFR STORAGE TANK					40	
GRP 0012	HEAVY CAP-2 - Heavy VOL Cap-2 (Capped Tank 57) 80,000 BBL VFR STORAGE TANK					40	
GRP 0013	LH VOL IFR CAP - Light/Heavy VOL IFR Cap (Capped Tank 33) 20,000 BBL IFR STORAGE TANK					36.5	
GRP 0014	VFR/HFR CAP - Light/Heavy VOL VFR/HFR Cap (Capped Tank 16) 2,000 BBL VFR STORAGE TANK					24	
GRP 0015	NSPS Kb CAP - NSPS Kb FR CAP (CAPPED TANK 76) 10,000 BBL					18	

INVENTORIES

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery
 Activity Number: PER20090005
 Permit Number: 3080-00010-V5
 Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
	STORAGE TANK						

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
GRP 0010	Equipment Group	Crude-Cap - Crude Cap (Capped Tank 47) 80,000 BBL IFR STORAGE TANK
GRP 0011	Equipment Group	HEAVY CAP-1 - Heavy VOL Cap-1 (Capped Tank 57) 80,000 BBL VFR STORAGE TANK
GRP 0012	Equipment Group	HEAVY CAP-2 - Heavy VOL Cap-2 (Capped Tank 57) 80,000 BBL VFR STORAGE TANK
GRP 0013	Equipment Group	LH VOL IFR CAP - Light/Heavy VOL IFR Cap (Capped Tank 33) 20,000 BBL IFR STORAGE TANK
GRP 0014	Equipment Group	VFR/HFR CAP - Light/Heavy VOL VFR/HFR Cap (Capped Tank 16) 2,000 BBL VFR STORAGE TANK
GRP 0015	Equipment Group	NSPS Kb CAP - NSPS KB FR CAP (CAPPED TANK 76) 10,000 BBL STORAGE TANK
GRP 0017	Equipment Group	PST - Pressurized Storage Tanks
UNF 0001	Unit or Facility Wide	EF - Entire Facility

Group Membership:

ID	Description	Member of Groups
EQT 0020	10 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0021	11 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0022	14 - 2,000 BBL VFR Storage Tank	GRP00000000011
EQT 0023	15 - 2,000 BBL VFR Storage Tank	GRP00000000011
EQT 0024	16 - 2,000 BBL VFR Storage Tank	GRP00000000014
EQT 0025	17 - 2,000 BBL VFR Storage Tank	GRP00000000011
EQT 0026	18 - 2,000 BBL VFR Storage Tank	GRP00000000014
EQT 0027	19 - 2,000 BBL VFR Storage Tank	GRP00000000011
EQT 0028	2 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0029	20 - 2,000 BBL VFR Storage Tank	GRP00000000011
EQT 0030	21 - 2,000 BBL VFR Storage Tank	GRP00000000011
EQT 0031	22 - 5,000 BBL VFR Storage Tank	GRP00000000011
EQT 0032	23 - 5,000 BBL VFR Storage Tank	GRP00000000011
EQT 0033	24 - 5,000 BBL VFR Storage Tank	GRP00000000011
EQT 0034	25 - 5,000 BBL VFR Storage Tank	GRP00000000011
EQT 0035	26 - 5,000 BBL VFR Storage Tank	GRP00000000011
EQT 0036	27 - 5,000 BBL VFR Storage Tank	GRP00000000011
EQT 0037	28 - 6,000 BBL VFR Storage Tank	GRP00000000015
EQT 0038	29 - 50,000 BBL IFR Storage Tank	GRP00000000010
EQT 0039	3 - 500 BBL HFR Storage Tank	GRP00000000011

INVENTORIES

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery
Activity Number: PER20090005
Permit Number: 3080-00010-V5
Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT 0040	30 - 6,500 BBL VFR Storage Tank	GRP00000000015
EQT 0041	31 - 6,500 BBL VFR Storage Tank	GRP00000000011
EQT 0042	32 - 20,000 BBL VFR Storage Tank	GRP00000000011
EQT 0044	34 - 10,000 BBL VFR Storage Tank	GRP00000000011
EQT 0045	35 - 10,000 BBL VFR Storage Tank	GRP00000000011
EQT 0046	4 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0047	47 - 80,000 BBL IFR Storage Tank	GRP00000000010
EQT 0048	5 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0049	54 - 10,000 BBL IFR Storage Tank	GRP00000000013
EQT 0050	55 - 10,000 BBL IFR Storage Tank	GRP00000000013
EQT 0052	57 - 80,000 BBL VFR Storage Tank	GRP00000000011, GRP00000000012
EQT 0053	58 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0054	6 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0055	60 - 5,000 BBL IFR Storage Tank	GRP00000000013
EQT 0056	66 - 10,000 BBL VFR Storage Tank	GRP00000000015
EQT 0057	67 - 10,000 BBL VFR Storage Tank	GRP00000000015
EQT 0058	69 - 700 BBL HFR Storage Tank	GRP00000000011
EQT 0059	7 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0062	73 - 5,000 BBL VFR Storage Tank	GRP00000000014
EQT 0063	76 - 10,000 BBL VFR Storage Tank	GRP00000000015
EQT 0064	79 - 5,500 BBL VFR Storage Tank	GRP00000000015
EQT 0065	8 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0066	9 - 500 BBL HFR Storage Tank	GRP00000000011
EQT 0088	1A - Pressurized Storage Tank	GRP00000000017
EQT 0089	37 - Pressurized Storage Tank	GRP00000000017
EQT 0090	38 - Pressurized Storage Tank	GRP00000000017
EQT 0091	39 - Pressurized Storage Tank	GRP00000000017
EQT 0092	40 - Pressurized Storage Tank	GRP00000000017
EQT 0093	41 - Pressurized Storage Tank	GRP00000000017
EQT 0094	44 - Pressurized Storage Tank	GRP00000000017
EQT 0095	46 - Pressurized Storage Tank	GRP00000000017
EQT 0096	70 - Pressurized Storage Tank	GRP00000000017
EQT 0097	12 - Pressurized Storage Tank	GRP00000000017
EQT 0098	42 - Pressurized Storage Tank	GRP00000000017
EQT 0099	43 - Pressurized Storage Tank	GRP00000000017
EQT 0100	45 - Pressurized Storage Tank	GRP00000000017
EQT 0101	59 - Pressurized Storage Tank	GRP00000000017
EQT 0102	62 - Pressurized Storage Tank	GRP00000000017
EQT 0103	63 - Pressurized Storage Tank	GRP00000000017
EQT 0104	64 - Pressurized Storage Tank	GRP00000000017
EQT 0105	65 - Pressurized Storage Tank	GRP00000000017

INVENTORIES

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery
 Activity Number: PER20090005
 Permit Number: 3080-00010-V5
 Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT 0106	68 - Pressurized Storage Tank	GRP00000000017

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0720	0720 Petroleum Refining (Rated Capacity)	12	M bbl/day

SIC Codes:

2911	Petroleum refining	UNF 001
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EMISSION RATES FOR CRITERIA POLLUTANTS

AJ ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0020 10														2.0	
EQT 0021 11														2.9	
EQT 0022 14														2.9	
EQT 0023 15														14.5	
EQT 0024 16														28.7	
EQT 0025 17														14.5	
EQT 0026 18														28.7	
EQT 0027 19														0.97	
EQT 0028 2														1.9	
EQT 0029 20														0.97	
EQT 0030 21														14.5	
EQT 0031 22														14.5	
EQT 0032 23														14.5	
EQT 0033 24														14.5	
EQT 0034 25														14.5	
EQT 0035 26														14.5	
EQT 0036 27														14.5	
EQT 0037 28														14.8	
EQT 0038 29														0.61	
EQT 0039 3														1.9	
EQT 0040 30														14.8	
EQT 0041 31														14.8	
EQT 0042 32														14.5	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0043 33													0.10	0.10	0.42
EQT 0044 34														14.5	
EQT 0045 35														14.5	
EQT 0046 4														2.4	
EQT 0047 47														0.62	
EQT 0048 5														3.2	
EQT 0049 54														0.22	
EQT 0050 55														0.16	
EQT 0051 58													0.87	0.88	3.8
EQT 0052 57														10.7	
EQT 0053 58														0.93	
EQT 0054 6														2.5	
EQT 0055 60														0.14	
EQT 0056 68														14.8	
EQT 0057 67														14.8	
EQT 0058 69														2.4	
EQT 0059 7														2.0	
EQT 0060 71													0.35	24.8	1.5
EQT 0062 73														14.8	
EQT 0063 76														14.8	
EQT 0064 79														14.8	
EQT 0065 8														2.9	
EQT 0066 9														1.9	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0067 B-1401	2.80	2.80	12.07	3.30	3.30	14.37	0.25	0.25	1.09	0.82	0.82	3.58	0.18	0.18	0.79
EQT 0068 B-1402	1.40	1.40	6.04	1.60	1.60	7.19	0.12	0.12	0.55	0.41	0.41	1.79	0.09	0.09	0.40
EQT 0069 B0													1.00	1.00	4.45
EQT 0070 CT							1.70	1.70	7.49				0.54	0.54	2.37
EQT 0071 FL2	0.15	0.15	0.67	0.18	0.18	0.80	0.01	0.01	0.06	0.001	0.001	0.01	1.70	1.70	7.45
EQT 0072 FP	3.57	3.57	0.54	16.59	16.59	2.49	1.18	1.18	0.18	1.10	1.10	0.16	1.35	1.35	0.20
EQT 0073 GEN	1.61	1.61	0.40	7.47	7.47	1.87	0.53	0.53	0.13	0.49	0.49	0.12	0.60	0.60	0.15
EQT 0074 H-101	2.50	2.50	11.01	3.00	3.00	13.11	0.23	0.23	1.00	0.02	0.02	0.08	0.16	0.16	0.72
EQT 0075 H-201A	0.84	0.84	3.67	1.00	1.00	4.37	0.08	0.08	0.33	0.25	0.25	1.09	0.05	0.05	0.24
EQT 0076 H-202	3.05	3.05	13.35	3.63	3.63	15.89	0.28	0.28	1.21	0.02	0.02	0.10	0.20	0.20	0.87
EQT 0077 H-203	2.20	2.20	9.58	2.60	2.60	11.41	0.20	0.20	0.87	0.65	0.65	2.84	0.14	0.14	0.63
EQT 0078 H-204	1.50	1.50	6.49	1.80	1.80	7.73	0.13	0.13	0.59	0.01	0.01	0.05	0.10	0.10	0.43
EQT 0079 H-205	2.94	2.94	12.88	3.50	3.50	15.33	0.27	0.27	1.17	0.87	0.87	3.82	0.19	0.19	0.84
EQT 0080 H-301	1.10	1.10	4.80	1.30	1.30	5.72	0.10	0.10	0.43	0.33	0.33	1.43	0.07	0.07	0.31
EQT 0081 H-601	0.66	0.66	2.89	0.78	0.78	3.44	0.06	0.06	0.26	0.20	0.20	0.86	0.04	0.04	0.19
EQT 0082 H-602/1000	0.69	0.69	3.01	0.82	0.82	3.58	0.06	0.06	0.27	0.01	0.01	0.02	0.05	0.05	0.20
EQT 0083 H-701	1.50	1.50	6.67	1.80	1.80	7.94	0.14	0.14	0.60	0.45	0.45	1.98	0.10	0.10	0.44
EQT 0084 H-901	9.60	9.60	42.11	2.00	2.00	8.90	0.87	0.87	3.81	3.10	3.10	13.48	0.63	0.63	2.76
EQT 0085 LO													2.80	2.80	12.10
EQT 0086 SH	0.66	0.66	2.89	0.78	0.78	3.44	0.06	0.06	0.26	0.01	0.01	0.02	0.04	0.04	0.19
EQT 0087 WW													1.50	1.50	6.57
EQT 0107 DPE													2.59	2.59	11.33
EQT 0108 DPE OWS													0.07	0.07	0.32

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
FUG 0002 FE															
FUG 0003 UR							5.30	7.90	5.68				26.73	26.73	117.09
GRP 0010 Crude-Cap													0.80		3.52
GRP 0011 HEAVY CAP-1													36.37		159.29
GRP 0012 HEAVY CAP-2													9.54		41.77
GRP 0013 LH VOL IFR CAP													0.45		1.96
GRP 0014 VFR/IFR CAP													2.22		9.74
GRP 0015 NSPS Kb CAP													8.20		35.91

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0020 10	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0021 11	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.03	
	n-Hexane		0.02	
EQT 0022 14	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.03	
	n-Hexane		0.02	
EQT 0023 15	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0024 16	Ethyl benzene		0.06	
	Toluene		0.04	
	Xylene (mixed isomers)		0.29	
	n-Hexane		0.76	
EQT 0025 17	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0026 18	Ethyl benzene		0.06	
	Toluene		0.04	
	Xylene (mixed isomers)		0.29	
	n-Hexane		0.76	
EQT 0027 19	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0028 2	Ethyl benzene		0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0028 2	Toluene		0.01	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0029 20	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0030 21	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0031 22	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0032 23	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0033 24	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0034 25	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0035 26	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0036 27	Ethyl benzene		0.03	
	Toluene		0.02	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0036 27	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0037 28	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0038 29	Benzene		0.01	
	Cumene		<0.001	
	Ethyl benzene		0.001	
	Naphthalene		<0.001	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0039 3	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0040 30	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0041 31	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0042 32	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0043 33	Toluene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	0.001	0.001	<0.01
EQT 0044 34	Ethyl benzene		0.03	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0044 34	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0045 35	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.14	
	n-Hexane		0.09	
EQT 0046 4	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0047 47	Benzene		0.01	
	Cumene		<0.001	
	Ethyl benzene		0.001	
	Naphthalene		<0.001	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0048 5	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.03	
	n-Hexane		0.02	
EQT 0049 54	Ethyl benzene		0.001	
	Toluene		0.001	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0050 55	Ethyl benzene		0.001	
	Toluene		0.001	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.004	
EQT 0051 56	n-Hexane	<0.0001	<0.0001	<0.001
EQT 0052 57	Ethyl benzene		0.02	
	Toluene		0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0052 57	Xylene (mixed isomers)		0.11	
	n-Hexane		0.06	
EQT 0053 58	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0054 6	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0055 60	Ethyl benzene		0.001	
	Toluene		0.001	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0056 66	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0057 67	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0058 69	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0059 7	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.05	
EQT 0060 71	Benzene	0.001	0.07	0.004
	Ethyl benzene	0.0002	0.02	0.001
	Toluene	0.002	0.11	0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0060 71	Xylene (mixed isomers)	0.002	0.11	0.01
	n-Hexane	0.01	0.73	0.05
EQT 0062 73	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0063 76	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0064 79	Ethyl benzene		0.03	
	Toluene		0.02	
	Xylene (mixed isomers)		0.15	
	n-Hexane		0.09	
EQT 0065 8	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.03	
	n-Hexane		0.02	
EQT 0066 9	Ethyl benzene		0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0067 B-1401	Lead compounds	<0.01	<0.01	<0.01
EQT 0068 B-1402	Lead compounds	<0.01	<0.01	<0.01
EQT 0069 8D	Benzene	0.31	0.31	1.34
	Ethyl benzene	0.06	0.06	0.25
	Toluene	0.49	0.49	2.17
	Xylene (mixed isomers)	0.16	0.16	0.69
EQT 0071 FL2	Benzene	0.01	0.01	0.02
	Ethyl benzene	<0.001	<0.001	<0.01
	Lead compounds	<0.001	<0.001	<0.01
	Naphthalene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0071 FL2	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	0.07	0.07	0.32
EQT 0074 H-101	Lead compounds	<0.01	<0.01	<0.01
EQT 0075 H-201A	Lead compounds	<0.01	<0.01	<0.01
EQT 0076 H-202	Lead compounds	<0.001	<0.001	<0.01
EQT 0077 H-203	Lead compounds	<0.01	<0.01	<0.01
EQT 0078 H-204	Lead compounds	<0.01	<0.01	<0.01
EQT 0079 H-205	Lead compounds	<0.01	<0.01	<0.01
EQT 0080 H-301	Lead compounds	<0.01	<0.01	<0.01
EQT 0081 H-601	Lead compounds	0.0001	0.0001	<0.01
EQT 0082 H-602/1000	Lead compounds	<0.001	<0.001	<0.01
EQT 0083 H-701	Lead compounds	<0.01	<0.01	<0.01
EQT 0084 H-901	Lead compounds	<0.01	<0.01	<0.01
EQT 0085 LO	Benzene	0.004	0.004	0.02
	Ethyl benzene	0.01	0.01	0.05
	Toluene	0.03	0.03	0.12
	Xylene (mixed isomers)	0.08	0.08	0.35
	n-Hexane	0.01	0.01	0.04
EQT 0086 SH	Lead compounds	<0.01	<0.01	<0.01
EQT 0087 ww	Benzene	0.92	0.92	4.03
	Ethyl benzene	0.03	0.03	0.13
	Toluene	0.31	0.31	1.36
	Xylene (mixed isomers)	0.24	0.24	1.04
EQT 0107 DPE	Benzene	0.06	0.06	0.25
	Ethyl benzene	0.001	0.001	<0.01
	Toluene	0.01	0.01	0.06
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.02	0.02	0.09
EQT 0108 DPE OWS	Benzene	0.002	0.002	0.01
	Ethyl benzene	<0.001	<0.001	<0.01
	Toluene	<0.001	<0.001	<0.01
	Xylene (mixed isomers)	<0.001	<0.001	<0.01
	n-Hexane	0.001	0.001	<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0002 FE	Benzene	0.07	0.07	0.30
	Cumene	<0.001	<0.001	<0.01
	Ethyl benzene	0.02	0.02	0.07
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
	Naphthalene	<0.001	<0.001	<0.01
	Toluene	0.15	0.15	0.66
	Xylene (mixed isomers)	0.14	0.14	0.62
	n-Hexane	0.56	0.56	2.47
GRP 0010 Crude-Cap	Benzene	0.02		0.08
	Cumene	<0.001		<0.01
	Ethyl benzene	<0.001		<0.01
GRP 0011 HEAVY CAP-1	Ethyl benzene	0.09		0.40
	Toluene	0.05		0.20
	Xylene (mixed isomers)	0.37		1.60
	n-Hexane	0.23		1.00
GRP 0012 HEAVY CAP-2	Benzene	0.03		0.10
	Ethyl benzene	0.05		0.20
	Toluene	0.16		0.70
	Xylene (mixed isomers)	0.42		1.80
	n-Hexane	0.05		0.20
GRP 0013 L/H VOL IFR CAP	Ethyl benzene	0.001		<0.01
	Toluene	0.001		<0.01
	Xylene (mixed isomers)	0.004		0.02
	n-Hexane	0.02		0.05
GRP 0014 VFR/HFR CAP	Ethyl benzene	0.01		0.02
	Toluene	0.003		0.01
	Xylene (mixed isomers)	0.02		0.10
	n-Hexane	0.06		0.30
GRP 0015 NSPS Kb CAP	Benzene	0.005		0.02
	Ethyl benzene	0.02		0.11
	Toluene	0.03		0.15
	Xylene (mixed isomers)	0.13		0.60
	n-Hexane	0.05		0.20

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 EF	Benzene			6.17
	Cumene			<0.01
	Ethyl benzene			1.23
	Lead compounds			<0.01
	Methyl isobutyl ketone			<0.01
	Naphthalene			<0.01
	Toluene			5.44
	Xylene (mixed isomers)			6.85
	n-Hexane			4.72

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0037 28 - 6,000 BBL VFR Storage Tank

- 1 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT 0038 29 - 50,000 BBL IFR Storage Tank

- 2 [40 CFR 60.112b(a)(1)(i)] Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
- 3 [40 CFR 60.112b(a)(1)(ii)(A)] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]
- 4 [40 CFR 60.112b(a)(1)(ii)(B)] Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]
- 5 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
- 6 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0038 29 - 50,000 BBL IFR Storage Tank

- 7 [40 CFR 60.113b(a)(2)] If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in this paragraph report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 8 [40 CFR 60.113b(a)(2)] Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 9 [40 CFR 60.113b(a)(3)(i)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)]
- 10 [40 CFR 60.113b(a)(3)(ii)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)]
- 11 [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 12 [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 13 [40 CFR 60.113b(a)(5)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
- 14 [40 CFR 60.115b(a)(1)] Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0038 29 - 50,000 BBL IFR Storage Tank

- 15 [40 CFR 60.115b(a)(2)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 16 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 17 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
- 18 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 19 [40 CFR 60.116b(c)] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
- 20 [40 CFR 60.116b(d)] Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
- 21 [LAC 33:III.2103.B]
- 22 [LAC 33:III.2103.C.1.a]
- 23 [LAC 33:III.2103.C]
- 24 [LAC 33:III.2103.E.1] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
Which Months: All Year Statistical Basis: None specified
Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
- 25 [LAC 33:III.2103.H.3]
- 26 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0040 30 - 6,500 BBL VFR Storage Tank

- 27 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0042 32 - 20,000 BBL VFR Storage Tank

28 [40 CFR 60.116b(b)]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT 0043 33 - 20,000 BBL IFR Storage Tank

29 [40 CFR 60.112a(a)(2)]

Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]

30 [40 CFR 60.115a]

Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.

31 [LAC 33:III.2103.B] Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere.
 32 [LAC 33:III.2103.B] Equip with a submerged fill pipe.

33 [LAC 33:III.2103.C]

Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.

34 [LAC 33:III.2103.E.1]

VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.

Which Months: All Year Statistical Basis: None specified

35 [LAC 33:III.2103.H.3]

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

36 [LAC 33:III.2103.I]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0047 47 - 80,000 BBL IFR Storage Tank

37 [40 CFR 60.112b(a)(1)(i)]

Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0047 47 - 80,000 BBL IFR Storage Tank

- 38 [40 CFR 60.112b(a)(1)(ii)(A)] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]
- 39 [40 CFR 60.112b(a)(1)(ii)(B)] Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]
- 40 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
- 41 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
Which Months: All Year Statistical Basis: None specified
- 42 [40 CFR 60.113b(a)(2)] If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 43 [40 CFR 60.113b(a)(2)] Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)]
Which Months: All Year Statistical Basis: None specified
- 44 [40 CFR 60.113b(a)(3)(i)] Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)]
- 45 [40 CFR 60.113b(a)(3)(ii)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery****Activity Number: PER20090005****Permit Number: 3080-00010-V5****Air - Title V Regular Permit Renewal****EQT 0047 47 - 80,000 BBL IFR Storage Tank**

- 46 [40 CFR 60.113b(a)(4)] If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 47 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 48 [40 CFR 60.113b(a)(5)] Which Months: All Year Statistical Basis: None specified
Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 51 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 52 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
- 53 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

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AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

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Permit Number: 3080-00010-V5

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EQT 0047 47 - 80,000 BBL IFR Storage Tank

- 54 [40 CFR 60.116b(c)] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
- 55 [40 CFR 60.116b(d)] Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
- 56 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 57 [LAC 33:III.2103.C.1.a] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- 58 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 59 [LAC 33:III.2103.E.1] VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
- 60 [LAC 33:III.2103.H.3] Which Months: All Year Statistical Basis: None specified
- 61 [LAC 33:III.2103.I] Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0049 54 - 10,000 BBL IFR Storage Tank

- 62 [40 CFR 60.112b(a)(1)(i)] Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
- 63 [40 CFR 60.112b(a)(1)(ii)(A)] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]
- 64 [40 CFR 60.112b(a)(1)(ii)(B)] Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

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Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0049 54 - 10,000 BBL IFR Storage Tank

- 65 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
- 66 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
- 67 [40 CFR 60.113b(a)(2)] Which Months: All Year Statistical Basis: None specified
If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 68 [40 CFR 60.113b(a)(2)] Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 69 [40 CFR 60.113b(a)(3)(i)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)]
- 70 [40 CFR 60.113b(a)(3)(ii)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)]
- 71 [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER200900005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0049 54 - 10,000 BBL IFR Storage Tank

- 72 [40 CFR 60.113b(a)(4)] If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 73 [40 CFR 60.113b(a)(5)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
- 74 [40 CFR 60.115b(a)(1)] Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 75 [40 CFR 60.115b(a)(2)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 76 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 77 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
- 78 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 79 [40 CFR 60.116b(c)] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
- 80 [40 CFR 60.116b(d)] Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
- 81 [LAC 33:III.2103.B] Equip with a submerged fill pipe.

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AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

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EQT 0049 54 - 10,000 BBL IFR Storage Tank

82 [LAC 33:III.2103.C.1.a]

Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

83 [LAC 33:III.2103.C]

Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.

84 [LAC 33:III.2103.E.1]

VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.

Which Months: All Year Statistical Basis: None specified

85 [LAC 33:III.2103.H.3]

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

86 [LAC 33:III.2103.I]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0050 55 - 10,000 BBL IFR Storage Tank

87 [40 CFR 60.112b(a)(1)(i)]

Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

88 [40 CFR 60.112b(a)(1)(ii)(A)]

Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]

89 [40 CFR 60.112b(a)(1)(ii)(B)]

Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]

90 [40 CFR 60.112b(a)(1)]

Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

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EQT 0050 55 - 10,000 BBL IFR Storage Tank

- 91 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
- 92 [40 CFR 60.113b(a)(2)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 93 [40 CFR 60.113b(a)(2)] Which Months: All Year Statistical Basis: None specified
If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 94 [40 CFR 60.113b(a)(3)(i)] Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)]
- 95 [40 CFR 60.113b(a)(3)(ii)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)]
- 96 [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 97 [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels conducting the annual visual inspection as specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]

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- 98 [40 CFR 60.113b(a)(5)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation and send by demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
- 99 [40 CFR 60.115b(a)(1)] Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 100 [40 CFR 60.115b(a)(2)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 101 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 102 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.115b(a)(4)]
- 103 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 104 [40 CFR 60.116b(c)] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
- 105 [40 CFR 60.116b(d)] Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
- 106 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 107 [LAC 33:III.2103.C.1.a] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- 108 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 109 [LAC 33:III.2103.E.1] VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0050 55 - 10,000 BBL IFR Storage Tank

110 [LAC 33:III.2103.H.3]

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

111 [LAC 33:III.2103.I]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0051 56 - 10,000 BBL IFR Storage Tank

112 [40 CFR 60.112b(a)(1)(i)]

Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

113 [40 CFR 60.112b(a)(1)(ii)(A)]

Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]

114 [40 CFR 60.112b(a)(1)(ii)(B)]

Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]

115 [40 CFR 60.112b(a)(1)]

Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

116 [40 CFR 60.113b(a)(1)]

Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0051 56 - 10,000 BBL IFR Storage Tank

117 [40 CFR 60.113b(a)(2)]

If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days.

If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]

118 [40 CFR 60.113b(a)(2)]

Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)]

119 [40 CFR 60.113b(a)(3)(i)]

Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)]

120 [40 CFR 60.113b(a)(3)(ii)]

Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)]

121 [40 CFR 60.113b(a)(4)]

Which Months: All Year Statistical Basis: None specified
If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]

122 [40 CFR 60.113b(a)(4)]

Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]

123 [40 CFR 60.113b(a)(5)]

Which Months: All Year Statistical Basis: None specified
Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

124 [40 CFR 60.115b(a)(1)]

Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER200900005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0051 56 - 10,000 BBL IFR Storage Tank

- 125 [40 CFR 60.115b(a)(2)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 126 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
- 127 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
- 128 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 129 [40 CFR 60.116b(c)] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
- 130 [40 CFR 60.116b(d)] Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
- 131 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 132 [LAC 33:III.2103.C.1.a] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- 133 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 134 [LAC 33:III.2103.E.1] VOC, Total \geq 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
- 135 [LAC 33:III.2103.H.3] Which Months: All Year Statistical Basis: None specified
- 136 [LAC 33:III.2103.I] Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0055 60 - 5,000 BBL IFR Storage Tank

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0055 60 - 5,000 BBL IFR Storage Tank

- 137 [40 CFR 60.112b(a)(1)(i)] Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
- 138 [40 CFR 60.112b(a)(1)(ii)(A)] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(A)]
- 139 [40 CFR 60.112b(a)(1)(ii)(B)] Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]
- 140 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
- 141 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
- 142 [40 CFR 60.113b(a)(2)] Which Months: All Year Statistical Basis: None specified
Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)]
- 143 [40 CFR 60.113b(a)(2)] Which Months: All Year Statistical Basis: None specified
If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0055 60 - 5,000 BBL IFR Storage Tank

- 144 [40 CFR 60.113b(a)(3)(i)] Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)]
Which Months: All Year Statistical Basis: None specified
- 145 [40 CFR 60.113b(a)(3)(ii)] Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)]
Which Months: All Year Statistical Basis: None specified
- 146 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
Which Months: All Year Statistical Basis: None specified
- 147 [40 CFR 60.113b(a)(4)] If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
- 148 [40 CFR 60.113b(a)(5)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
- 149 [40 CFR 60.115b(a)(1)] Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
- 150 [40 CFR 60.115b(a)(2)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
- 151 [40 CFR 60.115b(a)(3)] Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0055 60 - 5,000 BBL IFR Storage Tank

- 152 [40 CFR 60.115b(a)(4)] Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
- 153 [40 CFR 60.116b(b)] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
- 154 [40 CFR 60.116b(c)] Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
- 155 [40 CFR 60.116b(d)] Equip with a submerged fill pipe.
- 156 [LAC 33:III.2103.B] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- 157 [LAC 33:III.2103.C.1.a] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 158 [LAC 33:III.2103.C] VOC, Total \geq 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
- 159 [LAC 33:III.2103.E.1] Which Months: All Year Statistical Basis: None specified
- 160 [LAC 33:III.2103.H.3] Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
- 161 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0056 66 - 10,000 BBL VFR Storage Tank

- 162 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT 0057 67 - 10,000 BBL VFR Storage Tank

- 163 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0061 72 - 5,500 BBL VFR Storage Tank

164 [40 CFR 60.116b(b)]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT 0062 73 - 5,000 BBL VFR Storage Tank

165 [40 CFR 60.116b(b)]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT 0063 76 - 10,000 BBL VFR Storage Tank

166 [40 CFR 60.116b(b)]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT 0064 79 - 5,500 BBL VFR Storage Tank

167 [40 CFR 60.116b(b)]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT 0067 B-1401 - No. 1 Boiler

168 [40 CFR 60.104(a)(1)]

Fuel gas: Hydrogen sulfide ≤ 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]

169 [40 CFR 60.105(a)(3)(ii)]

Which Months: All Year Statistical Basis: Three-hour rolling average

Fuel gas: Sulfur dioxide ≤ 20 ppm dry basis, 0% excess air. Subpart J. [40 CFR 60.105(a)(3)(ii)]

170 [40 CFR 60.105(a)(3)]

Which Months: All Year Statistical Basis: Three-hour rolling average

Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(3)]

171 [40 CFR 60.105(a)(4)]

Which Months: All Year Statistical Basis: None specified

Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]

172 [40 CFR 60.106(a)]

Which Months: All Year Statistical Basis: None specified

Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]

173 [40 CFR 60.106]

Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.

SPECIFIC REQUIREMENTS

AJ ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0067 B-1401 - No. 1 Boiler

- 174 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified
- 175 [LAC 33:III.1313.C] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 176 [LAC 33:III.1513]

EQT 0068 B-1402 - No. 2 Boiler

- 177 [40 CFR 60.104(a)(1)] Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]
Which Months: All Year Statistical Basis: Three-hour rolling average
- 178 [40 CFR 60.105(a)(3)(ii)] Fuel gas: Sulfur dioxide <= 20 ppm dry basis, 0% excess air. Subpart J. [40 CFR 60.105(a)(3)(ii)]
Which Months: All Year Statistical Basis: Three-hour rolling average
- 179 [40 CFR 60.105(a)(3)] Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air.
Subpart J. [40 CFR 60.105(a)(3)]
Which Months: All Year Statistical Basis: None specified
- 180 [40 CFR 60.105(a)(4)] Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]
Which Months: All Year Statistical Basis: None specified
- 181 [40 CFR 60.106(a)] Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
- 182 [40 CFR 60.106]
- 183 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified
- 184 [LAC 33:III.1313.C] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 185 [LAC 33:III.1513]

EQT 0069 BD - Blue Drum

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0069 BD - Blue Drum

186 [40 CFR 61.355]

Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.

187 [40 CFR 61.356]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.

EQT 0071 FL2 - Flare

188 [40 CFR 60.104(a)(1)]

Fuel gas: Hydrogen sulfide ≤ 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]

Which Months: All Year Statistical Basis: Three-hour rolling average

189 [40 CFR 60.106(a)]

Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]

190 [40 CFR 60.13(i)]

Calumet's alternative method uses ASTM D 4952-02, "Standard Test Method for Qualitative Analysis for Active Sulfur Species in Fuels and Solvents (Doctor's Test)". A Doctor's Test is performed once per day if LSR loading has occurred during the day. An additional Doctor's Test is performed on a daily basis on the combined product stream that leaves the hydrotreater. Results of each test, the associated QA/QC data, and the product being loaded during sampling are recorded and retained onsite for a minimum of 3 years. Calumet will submit reports indicating instances of failed Doctor's Tests as part of Cotton Valley's semiannual report

. [40 CFR 60.13(i)]

191 [40 CFR 60.18(c)(1)]

Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]

192 [40 CFR 60.18(c)(2)]

Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]

193 [40 CFR 60.18(c)(3)(ii)]

Heat content ≥ 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)]

Which Months: All Year Statistical Basis: None specified

194 [40 CFR 60.18(c)(5)]

Exit Velocity < 194 ft/sec (Vmax). Determine Vmax using the method specified in 40 CFR 60.18(f)(6). Subpart A. [40 CFR 60.18(c)(5)]

Which Months: All Year Statistical Basis: None specified

195 [40 CFR 60.18(d)]

Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]

196 [40 CFR 60.18(e)]

Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]

197 [40 CFR 60.18(f)(2)]

Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)]

Which Months: All Year Statistical Basis: None specified

198 [40 CFR 60.18]

Permittee shall comply with all applicable provisions of 40 CFR 60.18.

Opacity ≤ 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0071 FL2 - Flare

- 200 [LAC 33:III.1305] Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:III.1323. Notification is required only if the upset cannot be controlled in six hours.
- 201 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 202 [LAC 33:III.1513] Which Months: All Year Statistical Basis: Six-minute average Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0073 GEN - Backup Generator

- 203 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 204 [LAC 33:III.1305] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 205 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 206 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified
- 207 [LAC 33:III.1513] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0074 H-101 - 100 Crude Unit Process Heater

- 208 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 209 [LAC 33:III.1305] Total suspended particulate <= 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified
- 210 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0074 H-101 - 100 Crude Unit Process Heater

211 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0075 H-201A - 1100 Crude Unit Process Heater

212 [LAC 33:III.1101.B]

Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate \leq 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0076 H-202 - Hot Oil Process Heater No. 1

215 [LAC 33:III.1101.B]

Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate \leq 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0077 H-203 - Hot Oil Process Heater No. 2

218 [LAC 33:III.1101.B]

Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate \leq 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0077 H-203 - Hot Oil Process Heater No. 2

220 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0078 H-204 - Solvents Unit Heater

221 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

222 [LAC 33:III.1313.C]

223 [LAC 33:III.1513]

EQT 0079 H-205 - Hydrotreater Heater

224 [40 CFR 60.104(a)(1)]

Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]

Which Months: All Year Statistical Basis: Three-hour rolling average

225 [40 CFR 60.105(a)(3)(ii)]

Fuel gas: Sulfur dioxide <= 20 ppm dry basis, 0% excess air. Subpart J. [40 CFR 60.105(a)(3)(ii)]

Which Months: All Year Statistical Basis: Three-hour rolling average

226 [40 CFR 60.105(a)(3)]

Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(3)]

Which Months: All Year Statistical Basis: None specified

227 [40 CFR 60.105(a)(4)]

Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]

Which Months: All Year Statistical Basis: None specified

228 [40 CFR 60.106(a)]

Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]

229 [40 CFR 60.106]

Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.

230 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

231 [LAC 33:III.1313.C]

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0079 H-205 - Hydrotreater Heater

232 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0080 H-301 - No. 1 Hydrotreater Heater

233 [40 CFR 60.104(a)(1)]

Fuel gas: Hydrogen sulfide ≤ 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]

Which Months: All Year Statistical Basis: Three-hour rolling average

234 [40 CFR 60.105(a)(3)(ii)]

Fuel gas: Sulfur dioxide ≤ 20 ppm dry basis, 0% excess air. Subpart J. [40 CFR 60.105(a)(3)(ii)]

Which Months: All Year Statistical Basis: Three-hour rolling average

235 [40 CFR 60.105(a)(3)]

Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(3)]

Which Months: All Year Statistical Basis: None specified

236 [40 CFR 60.105(a)(4)]

Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]

Which Months: All Year Statistical Basis: None specified

237 [40 CFR 60.106(a)]

Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]

238 [40 CFR 60.106]

Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.

239 [LAC 33:III.1101.B]

Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or tapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

240 [LAC 33:III.1313.C]

Total suspended particulate ≤ 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

241 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0081 H-601 - Solvent Train Process Heater

242 [LAC 33:III.1101.B]

Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or tapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

243 [LAC 33:III.1313.C]

Total suspended particulate ≤ 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0081 H-601 - Solvent Train Process Heater

244 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0082 H-602/1000 - Utility Fractionator Process Heater

245 [LAC 33:III.1101.B]

Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate \leq 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

247 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

248 [LAC 33:III.2115.F]

Halogenated hydrocarbons, total \geq 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ.

Which Months: All Year Statistical Basis: None specified

EQT 0083 H-701 - 700 Unit Process Heater

249 [40 CFR 60.104(a)(1)]

Fuel gas: Hydrogen sulfide \leq 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]

Which Months: All Year Statistical Basis: Three-hour rolling average

250 [40 CFR 60.105(a)(3)(ii)]

Fuel gas: Sulfur dioxide \leq 20 ppm dry basis, 0% excess air. Subpart J. [40 CFR 60.105(a)(3)(ii)]

251 [40 CFR 60.105(a)(3)]

Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(3)]

Which Months: All Year Statistical Basis: None specified

252 [40 CFR 60.105(a)(4)]

Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H₂S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]

Which Months: All Year Statistical Basis: None specified

253 [40 CFR 60.106(a)]

Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]

254 [40 CFR 60.106]

Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.

255 [LAC 33:III.1101.B]

Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0083 H-701 - 700 Unit Process Heater

256 [LAC 33:III.1313.C]

Total suspended particulate <= 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified

257 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0084 H-901 - Hydrogen Plant Reformer

258 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input.

259 [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

260 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0085 LO - Loading Operations

261 [40 CFR 64.3(b)(3)]

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

262 [40 CFR 64.4(e)]

Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

263 [40 CFR 64.6(c)(1)]

Equipment/operational data monitored by technically sound method continuously Monitor the temperature at the flare tip which will determine the continuous presence of a flame in the flare and maintain records of temperature at the flare tip. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: None specified

264 [40 CFR 64.6(c)(2)]

An excursion or exceedance is defined as the absence of a flame. [40 CFR 64.6(c)(2)]

265 [40 CFR 64.6(c)(2)]

Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

266 [40 CFR 64.6(c)(4)]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. [40 CFR 64.6(c)(4)]

267 [40 CFR 64.6(d)]

Schedule for installation, testing or final verification of operational status: [40 CFR 64.6(d)]

268 [40 CFR 64.7(a)]

Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

SPECIFIC REQUIREMENTS**AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery****Activity Number: PER20090005****Permit Number: 3080-00010-V5****Air - Title V Regular Permit Renewal****EQT 0085 LO - Loading Operations**

- 269 [40 CFR 64.7(b)] Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- 270 [40 CFR 64.7(c)] Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- 271 [40 CFR 64.7(d)(1)] Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 272 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the ^ emission limitation or the ^ standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 273 [40 CFR 64.8(a)] An absence of a flame at the flare, as indicated when the temperature at the flare tip drops below 550 degrees F, occurring 6 times in any 12-month periods is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]
- 274 [40 CFR 64.8(b)] Maintain a written Quality Improvement Plan (QIP) and have it available for inspection. Include initially in the plan procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, modify the plan to include procedures for conducting one or more of the actions specified in 40 CFR 64.8(b)(2)(i) through (b)(2)(v), as appropriate. [40 CFR 64.8(b)]
- 275 [40 CFR 64.8(c)] Develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(c)]
- 276 [40 CFR 64.8(c)] Submit notification: Notify the DEQ if the period for completing the improvements contained in the Quality Improvement Plan (QIP) exceeds 180 days from the date on which the need to implement the QIP was determined. [40 CFR 64.8(c)]
- 277 [40 CFR 64.8(d)] Make reasonable changes to the Quality Improvement Plan (QIP) as the DEQ requires, upon any determination pursuant to 40 CFR 64.7(d)(2) subsequent to implementation. [40 CFR 64.8(d)]
- 278 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 279 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 280 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0085 LO - Loading Operations

- 281 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 282 [LAC 33:III.2107.B] VOC, Total >= 90 % DRE.
Which Months: All Year Statistical Basis: None specified
- 283 [LAC 33:III.2107.D] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.3-4.
- 284 [LAC 33:III.2107.E] Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate.
- 285 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the type of product and total throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 286 [LAC 33:III.501.C.6] Equipment/operational data <= 6.05 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.
Which Months: All Year Statistical Basis: None specified
- 287 [LAC 33:III.501.C.6] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the type of products and quantity (throughput) through the loading facility each month, as well as the total type of products and quantity (throughput) through the loading facility for the last twelve months. Make records available for inspection by DEQ personnel.
- 288 [LAC 33:III.501.C.6] Equipment/operational data monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified

EQT 0086 SH - Air Dryer (OOS)

- 289 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
- 290 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified
- 291 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT 0087 WW - Wastewater Emissions

SPECIFIC REQUIREMENTS

AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery

Activity Number: PER20090005

Permit Number: 3080-00010-V5

Air - Title V Regular Permit Renewal

EQT 0087 WW - Wastewater Emissions

- 292 [40 CFR 61.355] Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
- 293 [40 CFR 61.356] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.

EQT 0108 DPE OWS - Dual Phase Extraction System - Oil/Water Separator

- 294 [40 CFR 61.355] Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
- 295 [40 CFR 61.356] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.

FUG 0002 FE - Fugitive Emissions

- 296 [40 CFR 60.592(a)] Comply with the requirements of 40 CFR 60.482-1 to 482-10 as soon as practicable, but no later than 180 days after initial startup. Subpart GGG. [40 CFR 60.592(a)]
- 297 [40 CFR 60.592(d)] Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.593. Subpart GGG. [40 CFR 60.592(d)]
- 298 [40 CFR 60.592(e)] Comply with the provisions of 40 CFR 60.486 and 60.487. Subpart GGG. [40 CFR 60.592(e)]
- 299 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.
- 300 [LAC 33:III.2121.B.1] Repair according to LAC 33:III.2121.B.3 any regulated component observed leaking by sight, sound, or smell, regardless of the leak's concentration.
- 301 [LAC 33:III.2121.B.2] Do not locate any valve, except safety pressure relief valves, valves on sample lines, valves on drain lines and valves that can be removed and replaced without a shutdown, at the end of a pipe or line containing VOC unless the end of such line is sealed with a second valve, a blind flange, a plug, or a cap. Remove such sealing devices only when the line is in use, for example, when a sample is being taken. When the line has been used and is subsequently resealed, close the upstream valve first, followed by the sealing device.
- 302 [LAC 33:III.2121.B.3] Make every reasonable effort to repair a leaking component, as described in LAC 33:III.2121.B, within 15 days, except as provided.
- 303 [LAC 33:III.2121.C.1.a.i] Pump seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3.
- 304 [LAC 33:III.2121.C.1.a.ii] Which Months: All Year Statistical Basis: None specified
Valves in liquid service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3.
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**AI ID: 312 - Calumet Lubricants Co - Cotton Valley Refinery****Activity Number: PER20090005****Permit Number: 3080-00010-V5****Air - Title V Regular Permit Renewal****FUG 0002 FE - Fugitive Emissions**

- 305 [LAC 33:III.2121.C.1.a.iii] Process drains: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3.
Which Months: All Year Statistical Basis: None specified
- 306 [LAC 33:III.2121.C.1.b.i] Compressor seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3.
Which Months: All Year Statistical Basis: None specified
- 307 [LAC 33:III.2121.C.1.b.ii] Valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2121.D (skip period provisions).
Which Months: All Year Statistical Basis: None specified
- 308 [LAC 33:III.2121.C.1.b.iii] Pressure relief valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3.
Which Months: All Year Statistical Basis: None specified
- 309 [LAC 33:III.2121.C.1.c] Pumps: Seal or closure mechanism monitored by visual inspection/determination weekly (52 times per year).
Which Months: All Year Statistical Basis: None specified
- 310 [LAC 33:III.2121.C.3.a] Pressure relief valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 24 hours after venting to the atmosphere. If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3.
Which Months: All Year Statistical Basis: None specified
- 311 [LAC 33:III.2121.C.3.b] All components: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of a leak detected by sight, smell, or sound, unless electing to implement actions as specified in LAC 33:III.2121.B.3.
Which Months: All Year Statistical Basis: None specified
- 312 [LAC 33:III.2121.C.4.c] Inaccessible valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (at a minimum).
Which Months: All Year Statistical Basis: None specified
- 313 [LAC 33:III.2121.C.4.c] Unsafe-to-monitor valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of conditions allowing these valves to be monitored safely.
Which Months: All Year Statistical Basis: None specified
- 314 [LAC 33:III.2121.E.1] When a leak that cannot be repaired on-line and in-place is located, affix to the leaking component a weatherproof and readily visible tag bearing an identification number and the date the leak is located. Date and remove the tag after the leak is repaired.
Equipment/operational data recordkeeping by survey log upon each occurrence of a leak. Include the leaking component information specified in LAC 33:III.2121.E.2. Retain the survey log for two years after the latter date specified in LAC 33:III.2121.E.2 and make said log available to DEQ upon request.
- 316 [LAC 33:III.2121.F] Submit report: Due semiannually, by the 31st of January and July, to the Office of Environmental Assessment, Air Quality Assessment Division. Include the information specified in LAC 33:III.2121.F.1 through 4 for each calendar quarter during the reporting period.

GRP 0010 Crude-Cap - Crude Cap (Capped Tank 47) 80,000 BBL IFR STORAGE TANK

Group Members:

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Air - Title V Regular Permit Renewal

GRP 0010 Crude-Cap - Crude Cap (Capped Tank 47) 80,000 BBL IFR STORAGE TANK

EQT 0038EQT 0047

317 [LAC 33:III.501.C.6]

Equipment/operational data monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified

318 [LAC 33:III.501.C.6]

Equipment/operational data <= 8.76 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

319 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

320 [LAC 33:III.501.C.6]

Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

GRP 0011 HEAVY CAP-1 - Heavy VOL Cap-1 (Capped Tank 57) 80,000 BBL VFR STORAGE TANK

Group Members: EQT 0020EQT 0021EQT 0022EQT 0023EQT 0025EQT 0027EQT 0028EQT 0029EQT 0030EQT 0031EQT 0032EQT 0033EQT 0034EQT 0035EQT 0036EQT 0039EQT 0041EQT 0042EQT 0044EQT 0045EQT 0046EQT 0048EQT 0052EQT 0053EQT 0054EQT 0058EQT 0065EQT 0066

321 [LAC 33:III.501.C.6]

Equipment/operational data <= 5.60 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

322 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

323 [LAC 33:III.501.C.6]

Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

324 [LAC 33:III.501.C.6]

Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
Equipment/operational data monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified

GRP 0012 HEAVY CAP-2 - Heavy VOL Cap-2 (Capped Tank 57) 80,000 BBL VFR STORAGE TANK

Group Members: EQT 0052

325 [LAC 33:III.501.C.6]

Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

326 [LAC 33:III.501.C.6]

Equipment/operational data monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

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GRP 0012 HEAVY CAP-2 - Heavy VOL Cap-2 (Capped Tank 57) 80,000 BBL VFR STORAGE TANK

327 [LAC 33:III.501.C.6]

Equipment/operational data \leq 720000 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: None specified

GRP 0013 L/H VOL IFR CAP - Light/Heavy VOL IFR Cap (Capped Tank 33) 20,000 BBL IFR STORAGE TANK

Group Members: EQT 0049EQT 0050EQT 0055

328 [LAC 33:III.501.C.6]

Equipment/operational data monitored by technically sound method continuously.

Which Months: All Year Statistical Basis: None specified

329 [LAC 33:III.501.C.6]

Equipment/operational data \leq 1.14 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: None specified

330 [LAC 33:III.501.C.6]

Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

331 [LAC 33:III.501.C.6]

GRP 0014 VFR/HFR CAP - Light/Heavy VOL VFR/HFR Cap (Capped Tank 16) 2,000 BBL VFR STORAGE TANK

Group Members: EQT 0024EQT 0026EQT 0059

332 [LAC 33:III.501.C.6]

Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

333 [LAC 33:III.501.C.6]

Equipment/operational data monitored by technically sound method continuously.

Which Months: All Year Statistical Basis: None specified

334 [LAC 33:III.501.C.6]

Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

335 [LAC 33:III.501.C.6]

Equipment/operational data \leq 354120 bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: None specified

GRP 0015 NSPS Kb CAP - NSPS Kb FR CAP (CAPPED TANK 76) 10,000 BBL STORAGE TANK

Group Members: EQT 0003EQT 0037EQT 0056EQT 0057EQT 0062EQT 0063EQT 0064

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GRP 0015 NSPS Kb CAP - NSPS KB FR CAP (CAPPED TANK 76) 10,000 BBL STORAGE TANK

336 [LAC 33:III.501.C.6]

Equipment/operational data \leq 1.53 MM bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: None specified

Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

338 [LAC 33:III.501.C.6]

Equipment/operational data monitored by technically sound method continuously.

Which Months: All Year Statistical Basis: None specified

339 [LAC 33:III.501.C.6]

Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

GRP 0017 PST - Pressurized Storage Tanks

Group Members: EQT 0088 EQT 0089 EQT 0090 EQT 0091 EQT 0092 EQT 0093 EQT 0094 EQT 0095 EQT 0096 EQT 0097 EQT 0098 EQT 0099 EQT 0100 EQT 0101 EQT 0102 EQT 0103 EQT 0104 EQT 0105 EQT 0106

340 [LAC 33:III.2103.B]

Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere.

UNF 0001 EF - Entire Facility

341 [40 CFR 60.]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

342 [40 CFR 61.]

All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.

343 [40 CFR 68.12(b)(1)]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that the nearest public receptor is beyond the distance to a toxic or flammable endpoint defined in 68.22. [40 CFR 68.12(b)(1)]

344 [40 CFR 68.12(b)(2)]

Complete the five-year accident history for the process as provided in 68.42. [40 CFR 68.12(b)(2)]

345 [40 CFR 68.12(b)(3)]

Ensure that response actions have been coordinated with local emergency planning and response agencies. [40 CFR 68.12(b)(3)]

346 [40 CFR 68.12(b)(4)]

Include in the RMP the certification specified in 68.12(b)(4). [40 CFR 68.12(b)(4)]

347 [40 CFR 68.150]

Submit Risk Management Plan (RMP): Due no later than June 21, 1999, or three years after the date on which a regulated substance is first listed under 68.130, or the date on which a regulated substance is first present above a threshold quantity in a process. Submit in a method and format to a central point as specified by EPA prior to June 21, 1999.

348 [40 CFR 68.155]

Provide in the RMP an executive summary that includes a brief description of the elements listed in 68.155(a) through (g).

349 [40 CFR 68.160]

Complete a single registration form and include in the RMP. Cover all regulated substances handled in covered processes. Include in the registration the information specified in 68.160(b)(1) through (13).

350 [40 CFR 68.165]

Submit in the RMP information one worst-case release scenario for each Program 1 process. Include the data specified in 68.165(b)(1) through (13).

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UNF 0001 EF - Entire Facility

- 351 [40 CFR 68.168] Submit in the RMP the information provided in 68.42(b) on each accident covered by 68.42(a).
- 352 [40 CFR 68.180] Provide in the RMP the emergency response information listed in 68.180(a) through (c).
- 353 [40 CFR 68.190(c)] Submit revised registration to EPA: Due within six months after a stationary source is no longer subject to 40 CFR 68. Indicate that the stationary source is no longer covered. [40 CFR 68.190(c)]
- 354 [40 CFR 68.190] Review and update the RMP as specified in 68.190(b) and submit it in a method and format to a central point specified by EPA prior to June 21, 1999.
- 355 [40 CFR 68.200] Maintain records supporting the implementation of 40 CFR 68 for five years unless otherwise provided.
- 356 [40 CFR 68.22] Use the endpoints specified in 68.22(a) through (g) for analyses of offsite consequences.
- 357 [40 CFR 68.25] Analyze the release scenarios in 68.25, as specified in 68.25(a) through (h).
- 358 [40 CFR 68.28] Identify and analyze at least one alternative release scenario for each regulated toxic substance held in a covered process(es) and at least one alternative release scenario to represent all flammable substances held in covered processes, as specified in 68.28(b) through (e).
- 359 [40 CFR 68.30] Estimate in the RMP the population within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
- 360 [40 CFR 68.33] List in the RMP environmental receptors within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
- 361 [40 CFR 68.36(b)] Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
- 362 [40 CFR 68.36] Review and update the offsite consequence analyses at least once every five years. Complete a revised analysis within six months if changes in processes, quantities stored or handled, or any other aspect of the stationary source might reasonably be expected to increase or decrease the distance to the endpoint by a factor of two or more.
- 363 [40 CFR 68.39] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (e) on the offsite consequence analyses.
- 364 [40 CFR 68.42] Include in the five-year accident history all accidental releases from covered processes that resulted in deaths, injuries, or significant property damage on site, or known offsite deaths, injuries, evacuations, sheltering in place, property damage, or environmental damage. Include the information specified in 68.42(b)(1) through (10) for each accidental release.
- 365 [40 CFR 82.Subpart F] Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.
- 366 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 367 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 368 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

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UNF 0001 EF - Entire Facility

- 369 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 370 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 371 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 372 [LAC 33:III.501.B.4] The owner or operator of any source which is not a major source may apply for an exemption from the permitting requirements of this Chapter provided each of the following criteria are met: i. the source emits and has the potential to emit no more than 5 tons per year of any regulated air pollutant; ii. the source emits and has the potential to emit less than the minimum emission rate listed in LAC 33:III.5112, Table 51.1, for each Louisiana toxic air pollutant; iii. no enforceable permit conditions are necessary to ensure compliance with any applicable requirement; and iv. no public notice is required for any permitting or other activity at the source. Any source to which an exemption is granted under this Paragraph shall be operated in accordance with any terms stated in the exemption and upon which the decision to grant the exemption was based. Failure to operate the source in accordance with the terms of the exemption may terminate such exemption and shall constitute a violation of the general duty to operate under a permit established pursuant to Subsection C of this Section.
- 373 [LAC 33:III.501.C.1] Submit permit application: Due prior to construction, reconstruction or modification unless otherwise provided in LAC 33:III.Chapter 5. Submit a timely and complete permit application to the Office of Environmental Services, Air Permits Division, as required in accordance with the procedures in LAC 33:III.Chapter 5.
- 374 [LAC 33:III.507.A.1.a] Any major source as defined in LAC 33:III.502 is designated a Part 70 source and is required to obtain a permit which will meet the requirements of LAC 33:III.507.
- 375 [LAC 33:III.507.A.1.b] Any nonmajor (area) source of hazardous air pollutants required to obtain an operating permit pursuant to regulations promulgated under section 112 of the federal Clean Air Act is designated a Part 70 source and is required to obtain a permit which will meet the requirements of LAC 33:III.507.
- 376 [LAC 33:III.507.A.1.c] Any nonmajor source required to obtain an operating permit pursuant to regulations promulgated under section 111 of the federal Clean Air Act is designated a Part 70 source and is required to obtain a permit which will meet the requirements of LAC 33:III.507.
- 377 [LAC 33:III.507.A.1.d] Any affected source, as defined in LAC 33:III.502, pursuant to the acid rain provisions of title IV of the federal Clean Air Act is designated a Part 70 source and is required to obtain a permit which will meet the requirements of LAC 33:III.507.

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- 378 [LAC 33:III.507.B.2] No Part 70 source may operate after the time that the owner or operator of such source is required to submit a permit application under Subsection C of this Section, unless an application has been submitted by the submittal deadline and such application provides information addressing all applicable sections of the application form and has been certified as complete in accordance with LAC 33:III.517.B.1. No Part 70 source may operate after the deadline provided for supplying additional information requested by the permitting authority under LAC 33:III.519, unless such additional information has been submitted within the time specified by the permitting authority. Permits issued to the Part 70 source under this Section shall include the elements required by 40 CFR 70.6. The Louisiana Department of Environmental Quality hereby adopts and incorporates by reference the provisions of 40 CFR 70.6(a), as in effect on July 21, 1992. Upon issuance of the permit, the Part 70 source shall be operated in compliance with all terms and conditions of the permit. Noncompliance with any federally applicable term or condition of the permit shall constitute a violation of the Clean Air Act and shall be grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.
- 379 [LAC 33:III.507.C.1] Any Part 70 source for which construction or operation has begun prior to the effective date of LAC 33:III.507 shall submit an application for an initial Part 70 permit. Permit applications shall be prepared in accordance with LAC 33:III.517 and with forms and guidance provided by DEQ, and shall be submitted no later than one year after the effective date of the Louisiana Part 70 program.
- 380 [LAC 33:III.507.C.3] Any source that becomes subject to the requirements of LAC 33:III.507 after the effective date of the Louisiana Part 70 program due to regulations promulgated by the Environmental Protection Agency or by the Department of Environmental Quality shall submit an application to the Office of Environmental Services, Air Permits Division, in accordance with the requirements established by the applicable regulation. In no case shall the required application be submitted later than one year from the date on which the source first becomes subject to LAC 33:III.507.
- 381 [LAC 33:III.507.E.4] Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration.
- 382 [LAC 33:III.511] Submit notification: Due to the permitting authority prior to the initiation of any project which will result in emission reductions. Include in the notification a description of the proposed action, a location map, a description of the composition of air contaminants involved, the rate and temperature of the emissions, the identity of the sources involved and the change in emissions. Make any appropriate permit revision reflecting the emission reduction no later than 180 days after commencement of operation and in accordance with the procedures of LAC 33:III.Chapter 5.
- 383 [LAC 33:III.517.A.1] Submit permit application: Due prior to commencement of construction, reconstruction, or modification of the source, for new or modified sources. Do not commence construction, reconstruction, or modification of any source required to be permitted under LAC 33:III.Chapter 5 prior to approval by the permitting authority.
- 384 [LAC 33:III.517.A.2] Submit permit application: Due by the date established for submittal in accordance with LAC 33:III.507.C. The permit application is for an initial permit to be issued in accordance with LAC 33:III.507. Provide a copy of each permit application pertaining to a major Part 70 source to EPA at the time of application submittal to the permitting authority.
- 385 [LAC 33:III.517.B.1] Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete.

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- 386 [LAC 33:III.517.C] Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit.
- 387 [LAC 33:III.517.D] Submit applications for permits in accordance with forms and guidance provided by the DEQ. At a minimum, each permit application submitted under LAC 33:III.Chapter 5 shall contain the information specified in LAC 33:III.517.D, subparagraphs 1-18.
- 388 [LAC 33:III.517.E] In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8.
- 389 [LAC 33:III.517.G] Submit change of ownership notification in accordance with LAC 33:I.Chapter 19.
- 390 [LAC 33:III.535] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 391 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
- 392 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
- 393 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
- 394 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 395 [LAC 33:III.5611.A] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
- 396 [LAC 33:III.5611.B] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 397 [LAC 33:III.5901.A] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 398 [LAC 33:III.5907] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- 399 [LAC 33:III.5911.A] Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- 400 [LAC 33:III.5911.C] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division.
- 401 [LAC 33:III.919.D] Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate.
- 402 [LAC 33:III.927] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:I.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.

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